S 0465-2.5

GOVERNMENT

OCTOBER 1980

DES-5281 (10-80)

arizona occupational profiles

A Labor Market Information Publication of the Arizona Department of Economic Security

DEC 17 1980

UTAH
COCONINO
MOHAVE
KINGMAN
FLAGSTAFF
NAVAJO
APACHE
HOLBROOK
ST. JOHNS
CALIFORNIA
PRESCOTT
YAVAPAI
NEW MEXICO
GILA
PHOENIX
GLOBE
GREENLEE
CLIFTON
YUMA
MARICOPA
FLORENCE
SAFFORD
PINAL
YUMA
GRAHAM
TUCSON
PIMA
COCHISE
MEXICO
SANTA CRUZ
BISBEE
NOGALES
ARIZONA

OCCUPATIONAL PROFILES

This Occupational Profile is one in a series of publications produced from information developed by the Occupational Employment Statistics survey. The survey is used to collect employment data for over 1,100 occupations in every Arizona county. From these surveys, which require the cooperation of the Arizona business community, current employment in the various occupations is determined, and from this an occupational outlook is formulated. The Occupational Profiles contain the survey findings and examine, individually, the industries of Arizona.

Industries recently surveyed and for which profiles are now available include:

Nonmanufacturing
Mining
Finance, Insurance, and Real Estate
Construction
Services
Educational Services
Manufacturing
Government
Trade
Transportation, Communications, and Public Utilities

For further information, or to comment on any aspect of this program, please contact us at the address on the back cover.

INDUSTRY INFORMATION

INDUSTRY DESCRIPTION

Government employees are engaged in a broad range of administrative and service delivery activities requiring a variety of occupational skills. The major functional areas of government considered in this report are: executive, legislative, judicial, public safety, transportation, finance, human resources, corrections, environment, and economics. Aside from civilians working for the military, employment related to national security is not represented in this profile. Also excluded are hospital and educational facilities operated by state and local governments. Educational facilities are included in the Educational Services profile; state and local hospital facilities will be included in a Hospital profile to be published in early 1981. Employment in federally-operated hospitals and educational facilities is included. A more detailed description of the governmental units and activities included in this profile can be found in the Standard Industrial Classification (SIC) Manual under codes 91 through 97. Various specialized functions of government are described under other SIC codes found throughout the manual.

INDUSTRY CHARACTERISTICS

FEDERAL GOVERNMENT

Federal government workers provide a variety of functions which serve the population of Arizona indirectly, so the distribution of federal employees in the state does not relate proportionally to the state's population distribution or to the distribution of total Arizona employment. The majority of federal government personnel is, however, employed in Maricopa County where the State Capitol is located. Federal employment distribution and the state's population distribution are shown below.

FIGURE 1: FEDERAL GOVERNMENT EMPLOYMENT BY DISTRICT MAY 1979

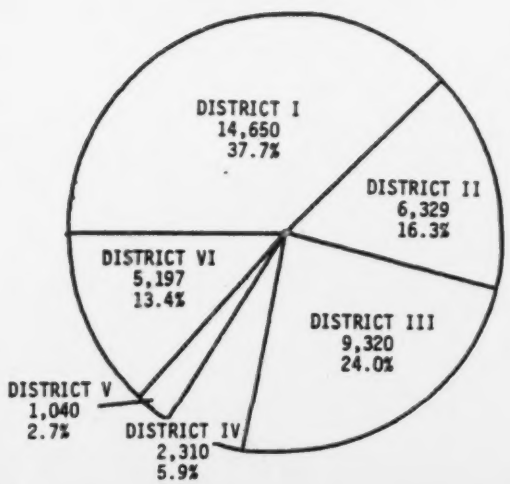
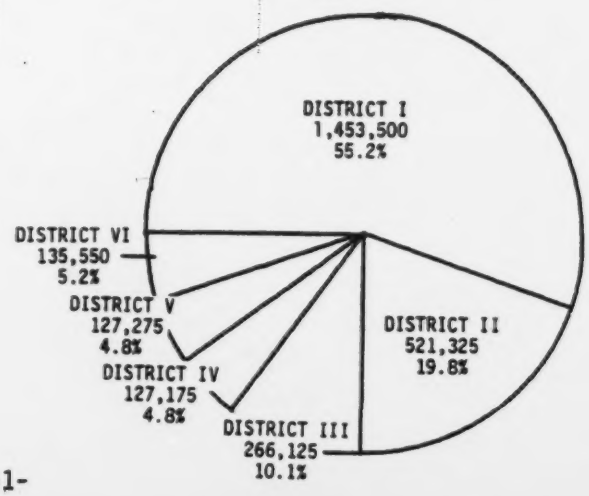


FIGURE 2: ARIZONA POPULATION BY DISTRICT 1979



The districts in the graphs correspond with the state's counties as follows:

District	I	Maricopa County (Phoenix)
District	II	Pima County (Tucson)
District	III	Apache, Coconino, Navajo, Yavapai counties
District	IV	Mohave, Yuma counties
District	V	Gila, Pinal counties
District	VI	Cochise, Graham, Greenlee, Santa Cruz counties

Federal government personnel perform a variety of services, some of which have no counterpart in state or local government. The tasks performed by government in each district are reflected in the number at work in the major governmental units.

FIGURE 3: DISTRIBUTION OF FEDERAL GOVERNMENT EMPLOYMENT IN ARIZONA BY MAJOR FUNCTION AND BY DISTRICT SEPT. 1979

	District I	District II	District III	District IV	District V	District VI
Army	400	46	125	748	9	4093
Navy	3	6	12	374	0	0
Air Force	2725	2259	3	0	0	1
Dept. of Defense	247	57	0	8	0	3
Postal Service	4408	1050	357	189	167	240
Veterans Admin.	1570	1103	543	0	0	0
All Other	5297	1808	8280	991	864	860
Total	14650	6329	9320	2310	1040	5197

The exclusively federal functions of national security (civilian military employment) and the Postal Service account for about half of all federal employment in Arizona. Military employers alone, primarily the Department of the Air Force and the Department of the Army, employ almost 30 percent of the state's federal government workers. Luke Air Force Base, west of Phoenix, and Williams Air Force Base, east of Chandler, account for the majority of civilian military employees in Maricopa County. In Pima County, Davis Monthan Air Force Base, near Tucson, employs over 2,100 civilian workers. A major Department of the Army employer is Fort Huachuca in Cochise County, with about 4,000 civilian employees. About 750 of the 2,133 federal workers in Yuma County work at the Yuma Proving Grounds.

STATE GOVERNMENT

Over 22,500 workers were employed in state government in May 1979, representing approximately 20 percent of Arizona's government workers. The distribution of state government workers is unlike the distribution of population.

FIGURE 4: ARIZONA
STATE GOVERNMENT EMPLOYMENT BY DISTRICT
MAY 1979

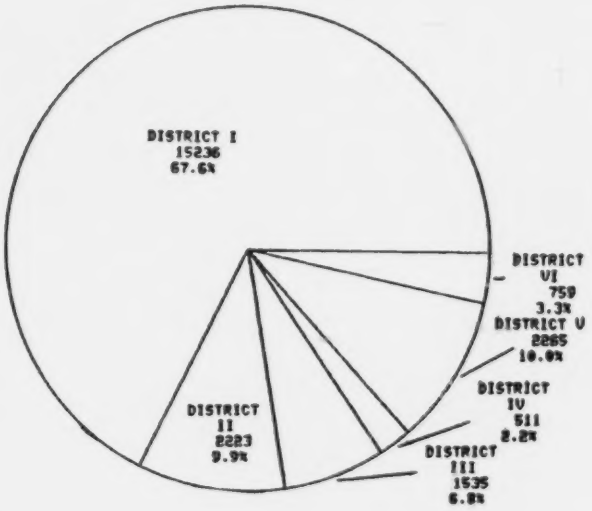
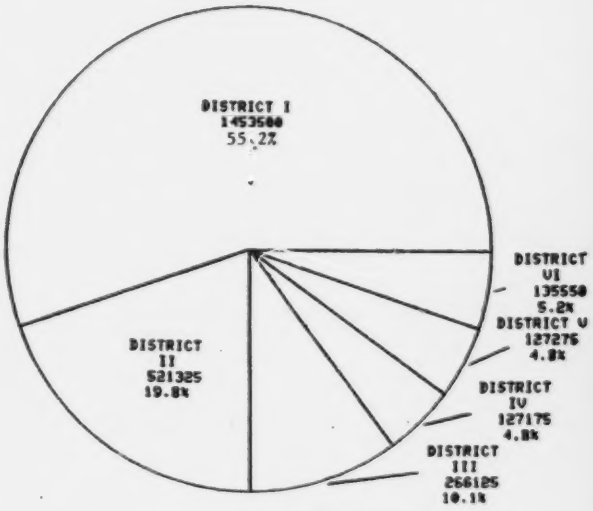


FIGURE 5: ARIZONA
POPULATION BY DISTRICT
1979



The majority of the state employees work in District I (Maricopa County), where the State Capitol is located. Most of the administrative functions of the various departments are performed in the Capitol area. The relatively large number of employees in District V is attributed to the state correctional facility located in Florence and the Division of Developmental Disabilities of the Department of Economic Security in Coolidge. The employment distribution among the districts would more closely coincide with the population concentrations of the state if state-operated universities and hospital facilities had been included in the data. Forty-two percent of the state's workers are employed by the Department of Administration. This large department includes many diverse divisions including the Data Processing Division, Division of Finance, Office of Purchasing, Personnel Division, and Weights and Measures Division. "Other Government Agencies" includes the Office of the Governor, the Legislature, advisory and interdepartmental committees, regulatory commissions, the Appellate and Supreme Courts, and the revenue collection agencies.

FIGURE 6:
STATE GOVERNMENT EMPLOYMENT IN ARIZONA
BY COUNTY AND MAJOR AGENCY
MAY 1979

	Public Safety	Economic Security	Transportation	Health Services	Department of Administration	Other Government Agencies
Apache	17	36	81		91	
Cochise	21	105	94		41	
Coconino	55	93	220	9	46	9
Gila	27	49	104		21	
Graham and Greenlee	18	44	91		233	2
Maricopa	1,016	3,769	2,368	545	7,016	522
Mohave	27	41	105		47	4
Navajo	17	52	278		15	4
Pima	85	1,014	307	120	639	58
Pinal	55	968	35		1,001	5
Santa Cruz	25	24	48		13	
Yavapai	31	51	169		258	3
Yuma	39	81	112		46	9
Statewide	1,433	6,327	4,012	674	9,467	616
Percent Statewide	6.4	28.1	17.8	3.0	42.0	2.7

FIGURE 7: EMPLOYMENT IN STATE GOVERNMENT BY COUNTY
MAY 1979

County	Employment	Percent of Total 1979 Employment
APACHE	225	1.0
COCHISE	261	1.1
COCONINO	432	1.9
GILA	201	0.9
GRAHAM	336	1.5
GREENLEE	52	0.2
MARICOPA	15,236	67.6
MOHAVE	224	1.0
NAVAJO	366	1.6
PIMA	2,223	9.9
PINAL	2,064	9.2
SANTA CRUZ	110	0.5
YAVAPAI	512	2.3
YUMA	287	1.3

LOCAL GOVERNMENT

Local government personnel represented close to 38 percent of government workers in Arizona in May 1979. The distribution of the work force closely corresponds to the population distribution.

FIGURE 8: LOCAL GOVERNMENT EMPLOYMENT BY DISTRICT MAY 1979

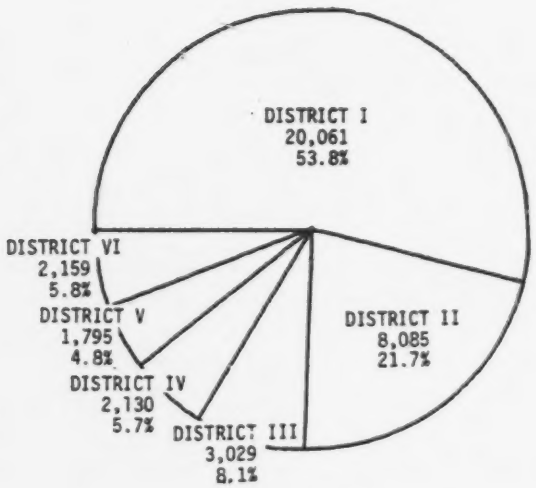
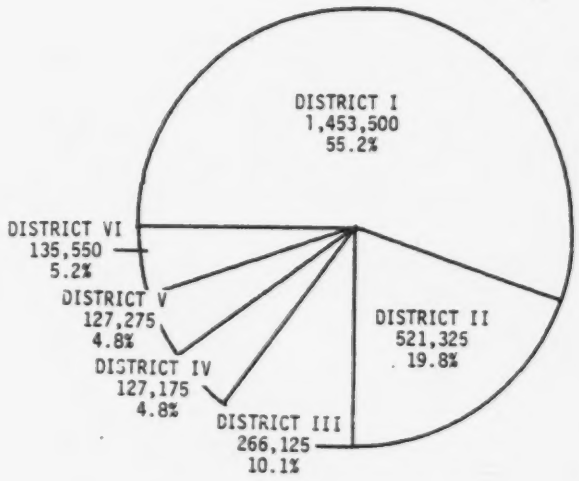


FIGURE 9: ARIZONA POPULATION BY DISTRICT 1979



Units of local government are defined as the political subdivisions of the state, i.e., counties, cities, towns, and special districts. Local government units except for special districts, tend to be multifunctional. Functional aspects of local government included in this report are executive, legislative, justice, public safety, transportation, and general government.

Shown in Figure 10 is the number of municipal governments in Arizona by community size for 1967, 1972, and 1977. The changes through time reflect Arizona's increasing population. For example, there were no municipalities with 50,000 to 99,999 people in 1967, but there were four communities of this size in 1977. In this instance, four of Arizona's communities experienced substantial population growth.

FIGURE 10: NUMBER OF MUNICIPAL GOVERNMENTS IN ARIZONA BY POPULATION (POPULATION IN THOUSANDS)

Population Size	Number of Municipal Governments 1967	1972	1977	1960 Population in Areas with Municipal Governments as of 1967	1970 Population in Areas with Municipal Governments as of 1972	1975 Population Estimate in Areas with Municipal Governments as of 1977
300,000 or more	1	1	1	439	582	665
200,000 to 299,999	1	1	1	213	263	296
100,000 to 199,999	0	0	0	0	0	0
50,000 to 99,999	0	3	4	0	194	334
25,000 to 49,999	1	3	2	34	91	61
10,000 to 24,999	7	4	6	118	50	96
5,000 to 9,999	8	13	14	63	88	96
2,500 to 4,999	11	11	20	43	35	64
1,000 to 2,499	23	21	18	40	37	30
Less than 1,000	10	8	4	7	6	3
Total	62	65	70	957	1,347	1,645

[1]For purposes of Census classification, a municipality is a political subdivision within which a municipal corporation has been established to provide general local government for a specific population concentration in a defined area.

[2]Population for the number of governments in 1967 is based on the 1960 census, for 1972 it is based on the 1970 census, for 1977 it is based on 1975 estimates of population.

Source: U.S. Department of Commerce, Bureau of the Census. *Census of Governments: 1967, 1972 and 1977.*

INDUSTRY TRENDS

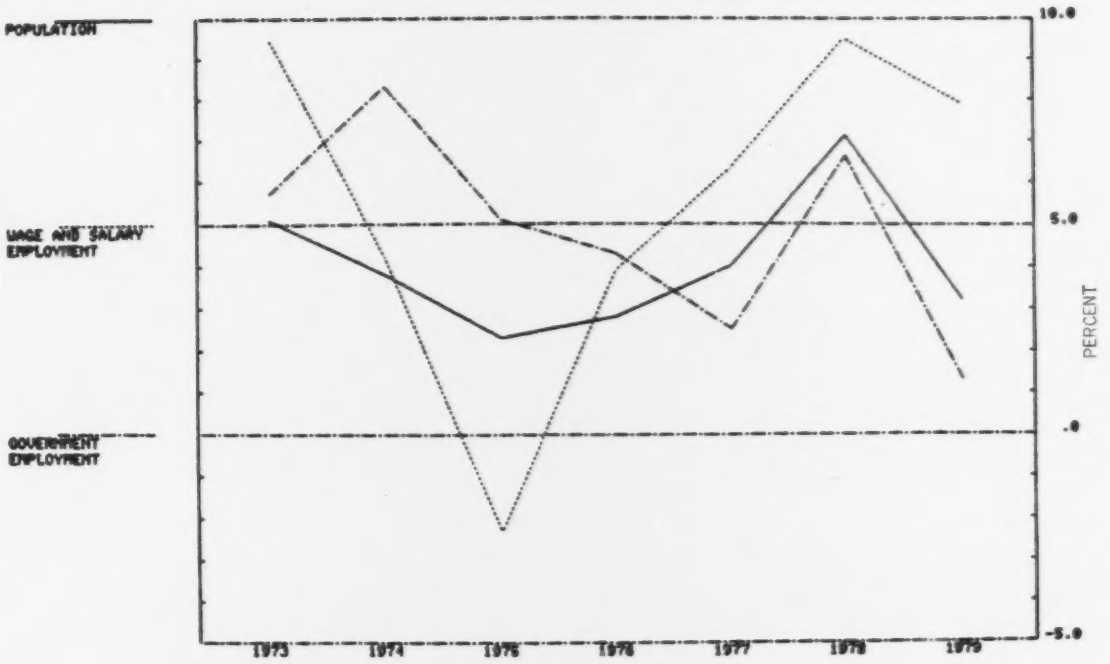
The rapidly increasing population in Arizona has resulted in continual gains in government employment, though gains have been less than the average for all industries. Annual employment averages and population estimates for the last several years are presented below.

FIGURE 11: EMPLOYMENT AND POPULATION 1972-1979

	Government Employment	Wage and Salary Employment	Population
1972	139.2	646.2	1,970.0
1973	147.6	714.4	2,075.0
1974	161.0	745.9	2,157.0
1975	169.7	729.8	2,207.0
1976	177.3	758.8	2,270.0
1977	181.9	809.4	2,365.0
1978	194.8	894.4	2,547.0
1979	197.4	970.8	2,631.0

Comparison of the annual growth rate, (that is, percentage change from year to year in government and wage-and-salary employment) spotlights the recent downtrend in government employment in the state. Since 1977, the annual growth in government personnel has been not only substantially less than the annual employment growth across all industries, but also less than the percentage growth of the state's population.

FIGURE 12: ANNUAL GROWTH IN ARIZONA POPULATION AND WAGE AND SALARY AND GOVERNMENT EMPLOYMENT 1973-1979



The trend in federal, state, and local government employment for the State of Arizona, Maricopa County, and Pima County is illustrated on the following pages.

Federal government employment has increased relatively slowly throughout the state. This slow growth conforms to the trend in the nation toward a leveling of federal government employment.

State government employment growth has been nominal. Increases in personnel have been concentrated in Maricopa County. The mood of the public toward fiscal restraint, as well as Arizona's healthy economy, are major factors in the relatively slow increase in state government employment during recent years.

Local government employment has increased considerably more than that at the state or federal level. Rapid growth and development of Arizona's cities, most notably Phoenix and Tucson, have required additional street and highway facilities, police and fire protection, and public health, sanitation, welfare and other services. Arizona's mushrooming population growth is expected to continue, creating demand for continual increases in local government workers.

FIGURE 13

FEDERAL, STATE, AND LOCAL GOVERNMENT EMPLOYMENT
STATE OF ARIZONA
1964-1979

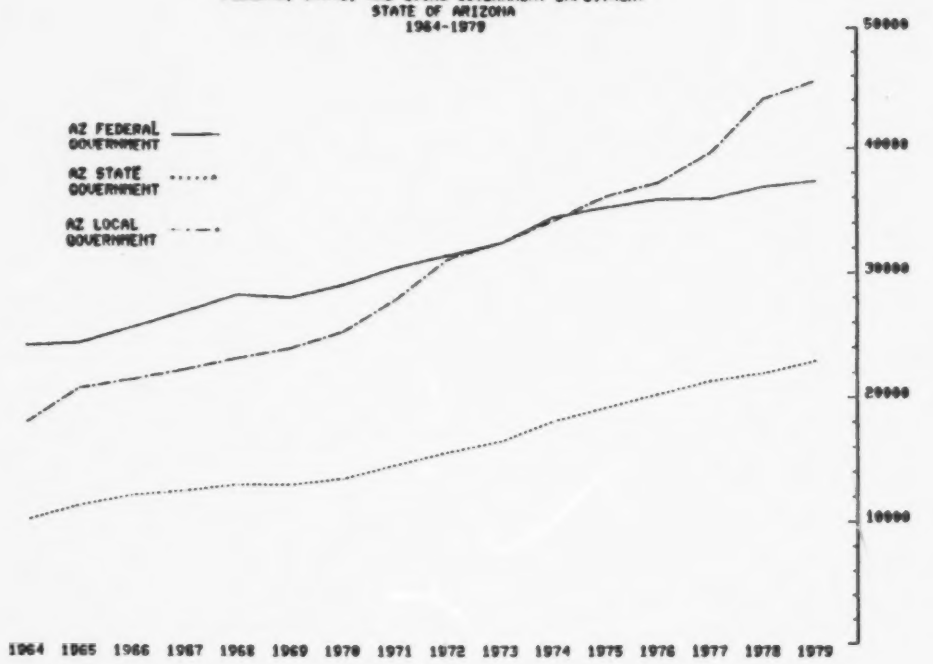


FIGURE 14

FEDERAL, STATE, AND LOCAL GOVERNMENT EMPLOYMENT
MARICOPA COUNTY
1964-1979

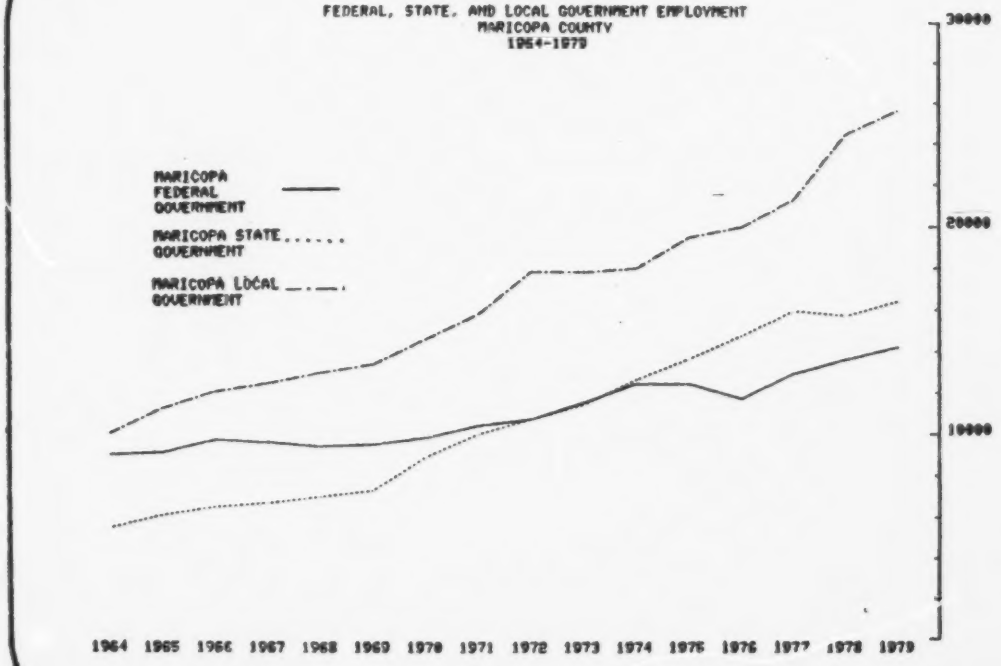
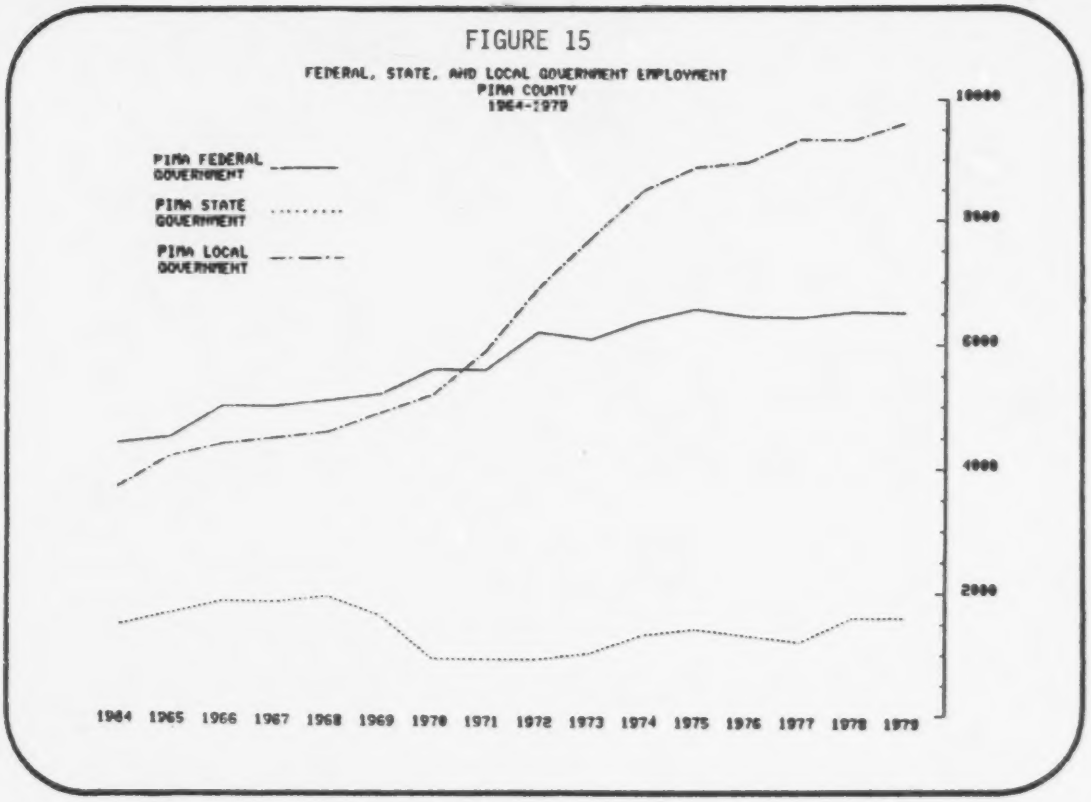


FIGURE 15



Employment increases in government through 1983 are expected to be small in comparison to employment gains in other industries. Contributing to the need for more government workers will be Arizona's continuing population growth and the demands these people will make upon communities. Also influencing the number of government personnel will be the future state of the economy. The recession, though expected to be mild in Arizona, will require additional workers to deal with the problems that ensue. For example, an increased unemployment rate would increase the need for unemployment benefits claims takers. Another influence upon the number of people employed at all levels of government will be the often discussed cuts in the federal budget. If the nation's budget is decreased as proposed, the effect upon federal government employment nationwide is expected to be small but negative. Federal budget reductions also would have an impact upon state and local government employment since some state and local governmental programs receive federal funds.

Fiscal restraint is expected to continue at the state as well as the national level. Arizona has imposed a constitutional spending limit of seven percent of total personal income. This limit and other possible tax reforms should have a controlling effect upon the number of state government employees.

In Arizona, rapid population growth and economic development are expected to offset the negative influences upon the manpower rosters. Severe economic circumstances, not now anticipated, could push government employment beyond the expected levels. Barring such unexpected conditions, the number at work in government should continue the gradual climb.

OCCUPATIONAL INFORMATION

OCCUPATIONAL ANALYSIS

The occupational distribution of federal, state, and local government workers in Arizona is displayed below. Comparison of the three graphs shows occupational distribution differences which reflect variations in functions of the levels of government.

FIGURE 16: OCCUPATIONS IN FEDERAL GOVERNMENT SEPT. 1979

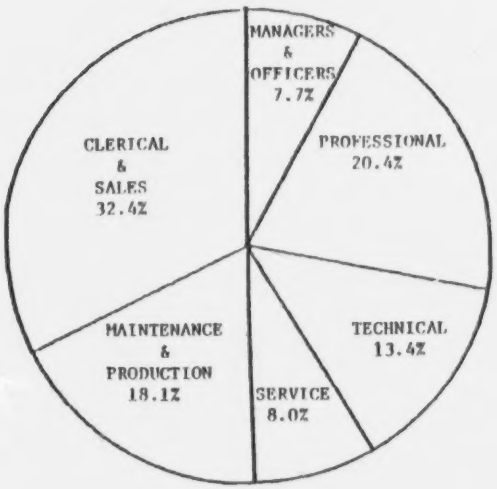


FIGURE 17: OCCUPATIONS IN STATE GOVERNMENT MAY 1979

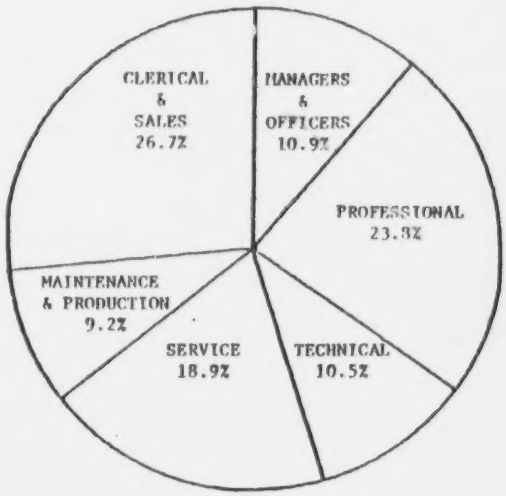


FIGURE 18: OCCUPATIONS IN LOCAL GOVERNMENT MAY 1979

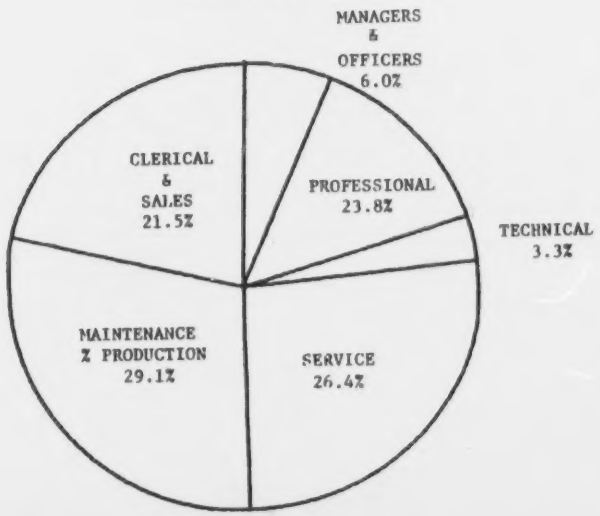


FIGURE 19: OCCUPATIONS MOST FREQUENTLY REPORTED IN GOVERNMENT

Occupations	Estimated 1979 Employment	Pct. of Area Total
FEDERAL GOVERNMENT		
Postal Mail Carriers	4,446	11.5
Managers & Officers	2,986	7.7
Teachers, Nonvocational Education	2,235	5.8
General Clerks	1,925	5.0
Biological Science Technicians	1,789	4.6
Typists	1,460	3.8
Postal Service Clerks	907	2.3
Nurses, Professional	825	2.1
Nurse's Aides &/or Orderlies	783	2.0
STATE GOVERNMENT		
Managers & Officers	2,461	10.9
Typists	1,785	7.9
Correction Officers	1,316	5.8
Civil Engineering Technicians	1,176	5.2
Secretaries	1,134	5.0
General Clerks	1,035	4.6
Claims Takers, Unemployment Benefits	1,015	4.5
Highway-Maintenance Workers	740	3.3
Police Patrolmen/Women	521	2.3
LOCAL GOVERNMENT		
Police Patrolmen/Women	2,681	7.1
Managers & Officers	2,234	5.9
Group Recreation Workers	1,044	2.8
Secretaries	971	2.6
Refuse Collectors	914	2.4
General Clerks	889	2.4
Highway-Maintenance Workers	879	2.3
Police Officers	871	2.3
Gardeners & Groundskeepers	843	2.2

FIGURE 20: OCCUPATIONS WITH THE GREATEST NUMBER OF OPENINGS IN GOVERNMENT

Occupations	Number of Openings 1979-1983
FEDERAL GOVERNMENT	
Managers & Officers	584
Postal Mail Carriers	571
General Clerks	570
Typists	515
Teachers, Nonvocational Education	440
Biological Science Technicians	329
Nurses, Professional	263
Secretaries	242
Nurse's Aides and/or Orderlies	236
STATE GOVERNMENT	
Typists	735
Managers & Officers	640
Secretaries	437
Correction Officers	420
General Clerks	365
Claims Takers, Unemployment Benefits	343
Civil Engineering Technicians	265
Highway-Maintenance Workers	169
Caseworkers	166
LOCAL GOVERNMENT	
Managers & Officers	661
Typists	637
Police Patrolmen/Women	574
Secretaries	432
General Clerks	364
Fire Fighters	325
Group Recreation Workers	311
Accounting Clerks	283
Gardeners & Groundskeepers	274

Professional and clerical workers are the largest occupational categories at the federal and state level, accounting for over half of the employment. More than 25 percent of those professional workers employed by the federal government are adult education teachers, most of whom work for the Bureau of Indian Affairs.

Over half of the people working for local governments are in maintenance, production, and service occupations. Large numbers of refuse collectors, highway-maintenance workers, gardeners, and groundskeepers account for the high percentage of maintenance and production workers. Thousands of police and fire fighters account for the high percentage of service workers. Local government workers manage, maintain, and provide services to communities.

OCCUPATIONAL TRENDS

The proportion of federal workers employed in professional, technical, and administrative jobs has gradually increased in recent years, while the proportion of employees in clerical and blue-collar jobs has decreased. These trends are expected to continue. The federal government's increasing use of labor-saving electronic data processing and materials handling equipment, and the introduction of improved data transmission and communication systems, will limit employment growth in many clerical and blue-collar occupations.

The Postal Service employs about 15 percent of the federal government workers in the state. Mechanization of mail processing and more efficient delivery will allow the Postal Service to handle increasing amounts of mail without large increases in employment. The federal government has proposed eliminating Saturday mail deliveries, which would further decrease employment gains in Postal Service occupations.

At the state and local levels, workers will be needed to provide additional street and highway facilities, police and fire protection, welfare, and other services. Occupations particularly in demand will include police, fire fighters, correction officers, typists, secretaries, and managers.

Most positions in state and local governments are filled by state or local residents. If a shortage of a particular skill exists, workers may be recruited from outside the area.

OCCUPATIONAL STRUCTURE

The following tables provide employment estimates and projected employment and job openings for federal, state, and local government. Statewide and individual county employment figures are provided for federal and local government. A state government table is provided for statewide employment only, because data were not available at the county level. Figure 7 on page 4 lists total state government employment for each county.

When using the data, please note the following:

1) The data reflect full and part-time wage and salary employment only.

2) Total job openings represent the number of openings due to growth of the industry and separations from the labor force. They do not account for labor turnover, i.e., openings created when a worker changes jobs, leaving the job to be filled by someone else. These vacancies are generally the largest source of job openings.

3) The tables do not include the uniformed military, state and local government-operated hospitals, and state and local government-operated educational facilities. Educational facilities and hospitals operated by the federal government are included.

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	2,461	10.9	2,803	10.9	640
Public Administration Inspectors	785	3.5	894		197
Construction Inspectors	48	0.2	55		15
Chief Executives & Legislators	91	0.4	104		25
All Other Managers & Officers	1,537	6.8	1,750		403
TOTAL PROFESSIONAL WORKERS	5,369	23.8	6,298	24.5	1,707
Civil Engineers	236	1.0	277		67
Electrical & Electronic Engineers	8	0.0	9		1
Safety Engineers	1	0.0	1		0
Traffic Engineers	30	0.1	35		9
All Other Engineers	32	0.1	38		6
Mathematical Scientists	92	0.4	108		40
Chemists	19	0.1	22		3
Geologists & Geophysicists	22	0.1	26		4
All Other Physical Scientists	10	0.0	12		2
Agricultural Scientists	3	0.0	4		1
Biological Scientists	22	0.1	26		8
Foresters & Conservation Scientists	20	0.1	23		3
Economists	84	0.4	99		23
Psychologists	38	0.2	45		11
Urban and Regional Planners	40	0.2	47		7
Systems Analysts, EDP	98	0.4	115		21
Vocational & Educational Counselors	193	0.9	226		62
Photographers	5	0.0	6		1
Purchasing Agents &/or Buyers	41	0.2	48		11
Accountants & Auditors	484	2.2	568		155
Landscape Architects	12	0.0	14		2
Architects (Exclude Landscape Architects)	6	0.0	7		1
Budget Analysts	54	0.2	63		17
Caseworkers	441	1.9	517		166
Commercial Artists	26	0.1	30		8
Dietitions &/or Nutritionists	11	0.0	13		6
Writers &/or Editors	7	0.0	8		1
Employment Interviewers	480	2.1	563		142
Law Clerks	62	0.3	73		15
Lawyers	235	1.0	276		62
Librarians, Professional	37	0.2	43		16
Nurses, Professional	79	0.3	93		34
Occupational Therapists	1	0.0	1		0
Paralegal Personnel	22	0.1	26		8
Personnel & Labor Relations Specialists	82	0.4	96		24
Physical Therapists	1	0.0	1		0
Physicians &/or Surgeons	69	0.3	81		20
Public Relations Practitioners	30	0.1	35		9
Veterinarians	17	0.1	20		3
Community Organization Workers	12	0.1	14		6
Welfare Investigators	101	0.4	118		33
Judges	24	0.1	28		10
Tax Examiners, Collectors, &/or Revenue Agents	47	0.2	55		16
All Other Therapists	27	0.1	32		9
Appraisers, Real Estate	72	0.3	84		24
Group Recreation Workers	9	0.0	10		1
Manual Arts, Music, &/or Recreational Therapists	1	0.0	1		0
Speech Pathologists &/or Audiologists	2	0.0	2		0
Claims Examiners, Unemployment Benefits	1,015	4.5	1,191		343
All Other Professional Workers	909	4.0	1,066		296
TOTAL TECHNICAL WORKERS	2,366	10.5	2,697	10.5	536
Computer Programmers	127	0.6	145		26
Drafters	110	0.5	125		23
Electrical & Electronic Technicians	49	0.2	56		11

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Surveyors	92	0.4	105		17
Civil Engineering Technicians	1,176	5.2	1,341		265
All Other Engineering Technicians	293	1.3	334		66
Science Technicians	10	0.0	11		1
Licensed Practical Nurses	19	0.1	22		7
Physician's Assistants	33	0.1	37		12
Technical Assistants, Library	8	0.0	9		1
Medical and Dental Technicians & Technologists	30	0.1	34		12
All Other Technical Workers	419	1.9	478		95
TOTAL SERVICE WORKERS	4,269	18.9	4,843	18.9	1,228
Janitors, Porters, & Cleaners	247	1.1	280		71
Guards & Doorkeepers	111	0.5	126		19
Kitchen Helpers	28	0.1	32		8
Cooks, Institution	106	0.5	120		32
All Other Food Service Workers	8	0.0	9		1
Supervisors, Nonworking Service	245	1.1	278		53
Nurse's Aides &/or Orderlies	39	0.2	44		13
Forest Conservation Workers	11	0.0	12		1
Fish & Game Wardens	63	0.3	71		12
Social Service Aides	30	0.1	34		10
Officers, Police	194	0.9	220		34
Detectives, Police	125	0.5	142		21
Police Patrolmen/women	521	2.3	591		92
Correction Officers &/or Jailers	1,316	5.8	1,494		420
Bailiffs	2	0.0	2		0
All Other Service Workers	1,223	5.4	1,388		441
TOTAL MAINTENANCE & PRODUCTION WORKERS	2,071	9.2	2,349	9.1	468
Mechanics, Automotive	33	0.1	37		6
Mechanics, Diesel	116	0.5	132		24
Mechanics, Maintenance	5	0.0	6		1
Mechanics, Radio	6	0.0	7		1
All Other Mechanics & Repairers	24	0.1	27		3
Carpenters	24	0.1	27		7
Delivery &/or Route Workers	44	0.2	50		10
Electricians	20	0.1	23		3
Supervisors, Nonworking	209	0.9	237		44
Heavy Equipment Operators	34	0.2	39		9
Industrial Truck Operators	11	0.1	12		1
Machinists	1	0.0	1		0
Maintenance Repairers, General Utility	141	0.6	160		29
Helpers, Trades	11	0.0	12		1
Painters, Maintenance	10	0.0	11		1
Plumbers &/or Pipefitters	10	0.0	11		1
Stationary Engineers	9	0.0	10		1
Streetlight Repairers & Servicers	46	0.2	52		10
Welders and Flamecutters	16	0.1	18		2
Fuel Pump Attendants &/or Lubricators	33	0.1	37		8
Highway Maintenance Workers	740	3.3	839		169
Surveyor Helpers	296	1.3	336		72
Gardeners and Groundskeepers	183	0.8	208		54
All Other Skilled Craft Workers	4	0.0	5		1
All Other Operatives & Semiskilled Workers	30	0.1	34		8
All Other Laborers & Unskilled Workers	15	0.1	17		2
TOTAL OFFICE CLERICAL WORKERS	5,829	25.9	6,505	25.3	2,150
Bookkeeping &/or Billing Machine Operators	4	0.0	4		0
Computer Operators	151	0.9	168		33
Keypunch Operators	251	1.1	280		93
Duplicating Machine Operators	59	0.3	66		23
All Other Office Machine Operators	44	0.2	49		17

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Accounting Clerks	404	1.8	451		138
Bookkeepers, Hand	4	0.0	4		0
Cashiers	62	0.3	69		22
General Clerks	1,035	4.6	1,155		365
Library Assistants	21	0.1	23		7
Mail Clerks	63	0.3	70		19
Personnel Clerks	48	0.2	53		20
Receptionists	2	0.0	2		0
Secretaries	1,134	5.0	1,265		437
Statistical Clerks	95	0.4	106		34
Switchboard Operators	53	0.2	59		22
Switchboard Operators/Receptionists	2	0.0	2		0
Messengers	29	0.1	32		7
Typists	1,785	7.9	1,992		735
Clerical Supervisors	189	0.8	211		46
Eligibility Workers, Welfare	107	0.5	119		32
Court Clerks	23	0.1	26		7
License Clerks	69	0.3	77		24
All Other Office Clerical Workers	195	0.9	218		69
TOTAL PLANT CLERICAL WORKERS	170	0.8	189	0.7	39
Weighers, Record-Keeping	3	0.0	3		0
Stock Clerks	104	0.5	116		24
Dispatchers, Police, Fire, & Ambulance	63	0.3	70		15
TOTAL SALES WORKERS	3	0.0	3	0.0	0
Sales Representatives	3	0.0	3		0
TOTAL ALL OCCUPATIONS	22,538	100.0	25,687	100.0	6,768

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	2,951	7.7	3,196	7.7	611
Public Administration Inspectors	699	1.8	758		136
Construction Inspectors	122	.3	130		24
Postmasters and/or Mail Superintendents	186	.5	210		70
All Other Managers & Officers	1,944	5.0	2,095		381
TOTAL PROFESSIONAL WORKERS	7,958	20.4	8,715	20.7	1,673
Aeronautical Engineers	10	.0	10		0
Agricultural Engineers	13	.0	13		0
Chemical Engineers	1	.0	1		0
Civil Engineers	212	.5	228		37
Electrical & Electronic Engineers	309	.8	351		54
Industrial Engineers	16	.0	17		1
Mechanical Engineers	40	.1	46		6
Mining Engineers	11	.0	11		0
Safety Engineers	5	.0	5		0
All Other Engineers	100	.3	108		12
Mathematicians	38	.1	43		15
Statisticians	10	.0	10		0
All Other Mathematical Scientists	27	.1	30		11
Chemists	15	.0	15		0
Geologists & Geophysicists	122	.3	131		16
Meteorologists	24	.1	25		1
Physicists	12	.0	13		1
All Other Physical Scientists	18	.0	20		2
Agricultural Scientists	57	.1	62		13
Biological Scientists	201	.5	215		38
Foresters & Conservation Scientists	347	.9	391		64
Economists	24	.1	26		6
Psychologists	86	.2	90		11
Sociologists	1	.0	1		0
Urban & Regional Planners	2	.0	2		0
All Other Social Scientists	93	.2	101		16
Systems Analysts, EDP	252	.7	284		40
Teachers, Nonvocational Education	2,227	5.8	2,497		511
Photographers	44	.1	49		9
Purchasing Agents and/or Buyers	236	.6	256		44
Accountants & Auditors	223	.6	241		49
Landscape Architects	17	.0	18		1
Architects (Exclude Landscape Architects)	16	.0	17		1
Caseworkers	143	.4	156		41
Clergy	22	.1	23		5
Commercial Artists	39	.1	43		12
Dentists	34	.1	37		7
Dietitians and/or Nutritionists	32	.1	33		9
Writers and/or Editors	69	.2	76		19
Law Clerks	49	.1	50		5
Lawyers	122	.3	129		16
Librarians, Professional	27	.1	28		9
Model Makers	8	.0	8		0
Curators, Museum	5	.0	5		0
Nurses, Professional	827	2.1	890		253
Occupational Therapists	6	.0	6		0
Optometrists	3	.0	3		0
Paralegal Personnel	5	.0	5		0
Personnel & Labor Relations Specialists	259	.7	280		50
Pharmacists	74	.2	79		17
Physical Therapists	13	.0	14		5
Physicians and/or Surgeons	557	1.4	589		98
Podiatrists	2	.0	2		0
Public Relations Practitioners	23	.1	24		5
Veterinarians	18	.0	19		1
Designers	2	.0	2		0
Judges	19	.0	20		5

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Tax Examiners, Collectors, and/or Revenue Agents	295	.7	308		52
Appraisers, Real Estate	71	.2	74		15
Group Recreation Workers	115	.3	128		29
Manual Arts, Music, and/or Recreational Therapists	1	.0	1		0
Speech Pathologists and/or Audiologists	10	.0	11		0
Corrective Therapists	2	.0	2		0
All Other Professional Workers	297	.7	316		61
TOTAL TECHNICAL WORKERS	5,111	13.4	5,666	13.5	1,079
Computer Programmers	63	.2	69		10
Drafters	66	.2	71		9
Electrical & Electronic Technicians	322	.9	354		48
Surveyors	181	.5	200		27
Radiographers	6	.0	6		0
Mechanical Engineering Technicians	1	.0	1		0
Broadcast Technicians	26	.1	27		1
All Other Engineering Technicans	365	1.0	402		68
Physical Science Technicians	96	.2	105		17
Biological Science Technicians	1,717	4.6	1,942		395
Air Traffic Controllers	333	.8	352		27
Dental Assistants	61	.2	66		25
Mathematical Technicians	18	.1	20		2
Physician's Assistants	30	.1	32		10
Museum Technicians and/or Restorers	1	.0	1		0
Airplane Pilots	91	.2	95		8
Radio Operators	10	.0	12		2
Technical Assistants, Library	39	.1	42		14
Pharmacy Helpers	22	.1	22		4
Medical Records Librarians	80	.2	89		33
Dental Hygienists	1	.0	1		0
Medical Laboratory Technologists	99	.4	108		42
Radiologic and/or Nuclear Medical Technologists	135	.2	144		23
Electrocardiograph Technicians	61	.2	64		11
All Other Medical & Dental Technicians & Technologists	120	.3	132		81
All Other Technical Workers	1,167	3.1	1,301		222
TOTAL SERVICE WORKERS	3,101	8.0	3,320	8.0	656
All Other Janitors, Porters, & Cleaners	459	1.2	492		101
Guards & Doorkeepers	162	.4	175		21
Bakers, Bread and/or Pastry	4	.0	4		0
Butchers and/or Meat Cutters	85	.2	89		12
Kitchen Helpers	4	.0	4		0
Waiters/Waitresses	1	.0	1		0
Cooks, Institution	342	.9	375		88
All Other Food Service Workers	375	1.0	403		102
Barbers	5	.0	5		0
Supervisors, Nonworking Service	3	.0	3		0
Housekeepers	10	.0	10		4
Nurse's Aides and/or Orderlies	789	2.0	839		230
Forest Conservation Workers	42	.1	46		4
Fish & Game Wardens	3	.0	3		0
Guides, Sightseeing or Establishment	1	.0	1		0
Social Service Aides	22	.1	23		5
Medical Assistants	1	.0	1		0
Occupational Therapy Assistants	4	.0	4		0
Officers, Police	121	.3	129		12
Detectives, Police	349	.9	368		33

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Correction Officers and/or Jailers	44	.1	48		14
United States Marshalls	39	.1	39		8
Fire Fighters	228	.6	242		22
All Other Service Workers	8	.0	8		0
TOTAL MAINTENANCE & PRODUCTION WORKERS	6,914	17.6	7,368	18.0	922
Mechanics, Aircraft	778	2.0	791		44
Mechanics, Automotive	189	.5	200		23
Body Repairers, Automotive	8	.0	8		0
Camera Repairers and/or Motion Picture Camera Repairers	2	.0	2		0
Mechanics, Diesel	3	.0	3		0
Electric Motor Repairers	1	.0	1		0
Electric Tool Repairers	14	.0	14		0
Electrical Instrument Repairers	1	.0	1		0
Electromedical Equipment Repairers	17	.0	17		0
Gasoline Engine or Mower Repairers	1	.0	1		0
Gunsmiths	3	.0	3		0
Mechanics, Engineering Equipment	142	.4	152		18
Mechanics, Hydroelectric Machinery, Powerhouse, and/or Gas Plant Repairers	16	.0	20		4
Instrument Repairers, Optical	4	.0	4		0
Mechanics, Laundry Machine	2	.0	2		0
Locksmiths	8	.0	8		0
Mechanics, Maintenance	254	.7	269		31
Office Machine Servicers	2	.0	2		0
Mechanics, Refrigeration	137	.4	143		14
Mechanics, Treatment Plant	3	.0	3		0
Mechanics, Electronic	265	.7	281		28
Data Processing Machine Repairers	2	.0	2		0
Gas & Electric Appliance Repairers	4	.0	4		0
All Other Mechanics & Repairers	162	.4	167		17
Developers and/or Projection Printers	2	.0	2		0
Laundry Markers, Classifiers, and/or Assemblers	44	.1	46		14
Washers, Machine and/or Starchers	6	.0	6		0
Dry Cleaning Machine Operators	3	.0	3		0
Laundry Pressers, Machine	2	.0	2		0
Truck Drivers	510	1.3	549		67
Air Hammer Operators	1	.0	1		0
Blacksmiths	1	.0	1		0
Cabinetmakers	16	.0	16		0
Cable Splicers	33	.1	35		2
Carpenters	160	.4	172		28
Crane, Derrick, & Hoist Operators	24	.1	25		3
Craters	44	.1	44		7
Merchandise Displayers & Window Trimmers	3	.0	3		0
Drillers, Machine	1	.0	1		0
Electricians	206	.5	220		30
Exterminators	9	.0	9		0
Supervisors, Nonworking	108	.3	116		16
Heavy Equipment Operators	245	.7	270		41
Riggers	3	.0	3		0
Industrial Truck Operators	144	.4	150		10
Inspectors	4	.0	4		0
Telephone Installers, Repairers, and/or Section Maintainers	28	.1	32		4
Instrument Repairers	12	.0	13		1
Line Installers-Repairers	45	.1	51		10
Locomotive Engineers	1	.0	1		0
Machinists	30	.1	31		5
Maintenance Repairers, General Utility	348	.9	381		57
Oilers	4	.0	4		0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Painters, Maintenance	137	.4	144		23
Plasterers	3	.0	3		0
Electroplaters	1	.0	1		0
Plumbers and/or Pipefitters	132	.3	141		17
Production Packagers, Hand or Machine	2	.0	2		0
Motion Picture Projectionists	4	.0	4		0
Roofers	8	.0	9		1
Rotary Drill Operators	35	.1	38		7
Dental Laboratory Technicians	5	.0	5		0
Sandblasters and/or Shotblasters	5	.0	5		0
Sewage Plant Operators	14	.0	15		1
Sewing Machine Operators, Regular Equip.	7	.0	7		0
Sheet Metal Workers	69	.2	72		7
Stationary Boiler Firers	69	.2	75		14
Stationary Engineers	60	.2	66		10
Stonemasons	16	.0	16		0
Substation Operators	4	.0	5		0
Alteration Tailors	1	.0	1		0
Animal Caretakers	80	.2	83		15
Tire Fabricators and/or Repairers	2	.0	2		0
Tool & Die Makers	5	.0	5		0
Water Treatment Plant Operators	9	.0	9		0
Welders & Flamecutters	29	.1	30		5
Offset Lithographic Press Operators	29	.0	31		2
Strippers (Printing)	3	.0	3		0
Camera Operators, Printing	3	.0	3		0
Fuel Pump Attendants and/or Lubricators	21	.1	21		0
Stock Clerks, Sales Floor	150	.4	156		14
Highway Maintenance Workers	5	.0	5		0
Machine Tool Operators, Combination	1	.0	1		0
Saw Filers	1	.0	1		0
Testers	39	.1	44		9
Painters, Production	1	.0	1		0
Ceiling Tile Installers and/or Floor Layers	1	.0	1		0
Loading Machine Operators	52	.1	57		13
Dip Platers, Nonelectrolytic	2	.0	2		0
Upholsterers	1	.0	1		0
Bindery Workers	7	.0	8		1
Gardeners & Groundskeepers	19	.1	20		5
All Other Skilled Craft Workers	17	.0	18		1
All Other Operatives & Semiskilled Workers	174	.5	184		29
All Other Laborers & Unskilled Workers	1,636	4.3	1,758		274
TOTAL OFFICE CLERICAL WORKERS	7,394	18.9	7,862	18.7	2,146
Computer Operators	69	.2	74		13
Keypunch Operators	104	.3	110		32
Tabulating Machine Operators	4	.0	4		0
All Other Office Machine Operators	12	.0	12		4
Stenographers	369	.9	386		104
Accounting Clerks	366	.9	386		99
Bookkeepers, Hand	61	.2	65		16
Cashiers	34	.1	36		10
Claims Adjusters	44	.1	45		5
Claims Clerks	188	.5	194		47
Correspondence Clerks	1	.0	1		0
General Clerks	1,930	5.0	2,050		563
Information Clerks	145	.3	148		43
Mail Clerks	166	.4	176		38
Payroll and/or Timekeeping Clerks	102	.3	110		28
Personnel Clerks	244	.6	258		85
Procurement Clerks	73	.2	75		10
Real Estate Clerks	68	.2	72		21
Receptionists	20	.0	20		4
Secretaries	746	1.9	798		245

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Statistical Clerks	21	.0	21		4
Switchboard Operators	120	.3	127		42
Messengers	3	.0	3		0
Travel Clerks	17	.0	18		5
Typists	1,453	3.8	1,562		528
Clerical Supervisors	28	.1	28		4
Postal Service Clerks	907	2.3	967		166
All Other Office Clerical Workers	99	.3	105		30
TOTAL PLANT CLERICAL WORKERS	5,277	13.1	5,468	13.0	583
Production Clerks and/or Coordinators	51	.1	51		4
Shipping Packers	16	.0	16		0
Shipping and/or Receiving Clerks	21	.1	23		2
Stock Clerks	101	.3	105		16
Dispatchers, Vehicle, Service or Work	26	.1	27		5
Postal Mail Carriers	4,649	11.5	4,806		435
All Other Plant Clerical Workers	413	1.1	438		121
TOTAL SALES WORKERS	140	.4	147	.4	23
Sales Clerks	140	.4	147		23
TOTAL ALL OCCUPATIONS	38,846	100.0	41,742	100.0	7,794

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

APACHE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	99	112	13	16	29
Construction Inspectors	20	23	3	4	7
Postmasters and/or Mail Superintendents	11	12	1	4	5
All Other Managers & Officers	68	77	9	8	17
TOTAL PROFESSIONAL WORKERS	1,005	1,163	158	113	271
Civil Engineers	17	20	3	1	4
All Other Engineers	2	2	0	0	0
Geologists & Geophysicists	1	1	0	0	0
Agricultural Scientists	7	8	1	0	1
Biological Scientists	6	7	1	0	1
Foresters & Conservation Scientists	45	52	7	4	11
Psychologists	1	1	0	0	0
Teachers, Nonvocational Education	726	842	116	82	198
Photographers	1	1	0	0	0
Purchasing Agents and/or Buyers	9	10	1	0	1
Accountants & Auditors	7	8	1	0	1
Landscape Architects	1	1	0	0	0
Caseworkers	27	31	4	4	8
Dentists	7	8	1	0	1
Dietitions and/or Nutritionists	2	2	0	0	0
Writers and/or Editors	1	1	0	0	0
Lawyers	3	3	0	0	0
Librarians, Professional	2	2	0	0	0
Curators, Museum	1	1	0	0	0
Nurses, Professional	53	61	8	12	20
Personnel & Labor Relations Specialists	11	13	2	0	2
Pharmacists	8	9	1	0	1
Physicians and/or Surgeons	21	24	3	4	7
Public Relations Practitioners	1	1	0	0	0
Group Recreation Workers	40	46	6	6	12
All Other Professional Workers	5	6	1	0	1
TOTAL TECHNICAL WORKERS	520	601	81	62	143
Drafters	9	10	1	0	1
Electrical & Electronic Technicians	2	2	0	0	0
Surveyors	40	46	6	2	8
All Other Engineering Technicians	30	35	5	4	9
Biological Science Technicians	135	156	21	12	33
Dental Assistants	8	9	1	4	5
Physician's Assistants	3	3	0	0	0
Technical Assistants, Library	2	2	0	0	0
Pharmacy Helpers	1	1	0	0	0
Medical Records Librarians	14	16	2	4	6
Medical Laboratory Technologists	14	16	2	4	6
Radiologic Technologists and/or Nuclear Medical Technologists	5	6	1	0	1
All Other Medical & Dental Technicians & Technologists	18	21	3	12	15
All Other Technical Workers	239	276	37	20	57
TOTAL SERVICE WORKERS	282	321	39	51	90
All Other Janitors, Porters, & Cleaners	52	59	7	8	15
Guards & Doorkeepers	8	9	1	0	1
Cooks, Institution	85	97	12	15	27
All Other Food Service Workers	59	67	8	12	20
Nurse's Aides and/or Orderlies	64	73	9	16	25
Social Service Aides	5	6	1	0	1
Detectives, Police	9	10	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	442	500	58	33	91
Mechanics, Automotive	2	2	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

APACHE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Electric Tool Repairers	1	1	0	0	0
Electromedical Equipment Repairers	3	3	0	0	0
Mechanics, Engineering Equipment	8	9	1	0	1
Locksmiths	1	1	0	0	0
Mechanics, Maintenance	7	8	1	0	1
Mechanics, Refrigeration	1	1	0	0	0
Truck Drivers	71	80	9	4	13
Carpenters	9	10	1	0	1
Electricians	8	9	1	0	1
Supervisors, Nonworking	16	18	2	0	2
Heavy Equipment Operators	39	44	5	4	9
Maintenance Repairers, General Utility	50	57	7	4	11
Painters, Maintenance	17	19	2	3	5
Plumbers and/or Pipefitters	23	26	3	0	3
Rotary Drill Operators	1	1	0	0	0
Stationary Boiler Firers	10	11	1	0	1
Stationary Engineers	7	8	1	0	1
Welders & Flamecutters	1	1	0	0	0
Ceiling Tile Installers and/or Floor Layers	1	1	0	0	0
All Other Operatives & Semiskilled Workers	20	23	3	4	7
All Other Laborers & Unskilled Workers	146	165	19	14	33
TOTAL OFFICE CLERICAL WORKERS	361	409	48	88	136
Stenographers	7	8	1	0	1
Accounting Clerks	6	7	1	0	1
Bookkeepers, Hand	3	3	0	0	0
Claims Clerks	1	1	0	0	0
General Clerks	84	95	11	20	31
Information Clerks	1	1	0	0	0
Mail Clerks	1	1	0	0	0
Payroll and/or Timekeeping Clerks	2	2	0	0	0
Personnel Clerks	19	21	2	6	8
Procurement Clerks	3	3	0	0	0
Real Estate Clerks	5	6	1	0	1
Secretaries	68	77	9	19	28
Statistical Clerks	1	1	0	0	0
Switchboard Operators	1	1	0	0	0
Typists	130	147	17	39	56
Clerical Supervisors	2	2	0	0	0
Postal Service Clerks	24	27	3	4	7
All Other Office Clerical Workers	3	3	0	0	0
TOTAL PLANT CLERICAL WORKERS	12	13	1	0	1
Postal Mail Carriers	3	3	0	0	0
All Other Plant Clerical Workers	9	10	1	0	1
TOTAL ALL OCCUPATIONS	2,721	3,119	398	363	761

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCHISE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	696	783	87	86	173
Public Administration Inspectors	90	101	11	10	21
Construction Inspectors	2	2	0	0	0
Postmasters and/or Mail Superintendents	18	20	2	4	6
All Other Managers & Officers	586	659	73	72	145
TOTAL PROFESSIONAL WORKERS	1,056	1,208	152	83	235
Aeronautical Engineers	1	1	0	0	0
Civil Engineers	2	2	0	0	0
Electrical & Electronic Engineers	268	307	39	12	51
Industrial Engineers	4	5	1	0	1
Mechanical Engineers	5	6	1	0	1
Safety Engineers	3	3	0	0	0
All Other Engineers	21	24	3	0	3
Mathematicians	5	6	1	0	1
Statisticians	1	1	0	0	0
All Other Mathematical Scientists	23	26	3	6	9
Chemists	1	1	0	0	0
Meteorologists	2	2	0	0	0
Physicists	5	6	1	0	1
Agricultural Scientists	3	3	0	0	0
Biological Scientists	3	3	0	0	0
Foresters & Conservation Scientists	16	18	2	0	2
Economists	4	5	1	0	1
Psychologists	1	1	0	0	0
All Other Social Scientists	39	45	6	4	10
Systems Analysts, EDP	199	228	29	8	37
Teachers, Nonvocational Education	82	94	12	8	20
Photographers	11	13	2	0	2
Purchasing Agents and/or Buyers	47	54	7	4	11
Accountants and/or Auditors	66	75	9	8	17
Architects (Exclude Landscape Architects)	1	1	0	0	0
Caseworkers	2	2	0	0	0
Commercial Artists	24	27	3	4	7
Writers and/or Editors	51	58	7	9	16
Lawyers	7	8	1	0	1
Librarians, Professional	10	11	1	4	5
Curators, Museum	1	1	0	0	0
Nurses, Professional	21	24	3	4	7
Paralegal Personnel	2	2	0	0	0
Personnel & Labor Relations Specialists	70	80	10	8	18
Pharmacists	1	1	0	0	0
Physicians and/or Surgeons	13	15	2	0	2
Public Relations Practitioners	10	11	1	0	1
Veterinarians	3	3	0	0	0
Group Recreation Workers	2	2	0	0	0
All Other Professional Workers	26	30	4	4	8
TOTAL TECHNICAL WORKERS	469	536	67	44	111
Computer Programmers	27	31	4	0	4
Drafters	7	8	1	0	1
Electrical & Electronic Technicians	107	122	15	4	19
Broadcast Technicians	2	2	0	0	0
All Other Engineering Technicians	25	29	4	4	8
Biological Science Technicians	47	54	7	4	11
Air Traffic Controllers	25	29	4	0	4
Dental Assistants	7	8	1	4	5
Museum Technicians and/or Restorers	1	1	0	0	0
Airplane Pilots	7	8	1	0	1
Technical Assistants, Library	17	19	2	4	6
Pharmacy Helpers	1	1	0	0	0
Medical Records Librarians	4	5	1	0	1
Medical Laboratory Technologists	4	5	1	0	1

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCHISE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Radiologic Technologists and/or Nuclear Medical Technologists	4	5	1	0	1
Electrocardiograph Technicians	1	1	0	0	0
All Other Medical & Dental Technicians & Technologists	15	17	2	9	11
All Other Technical Workers	168	192	24	15	39
TOTAL SERVICE WORKERS	180	203	23	15	38
All Other Janitors, Porters, & Cleaners	19	21	2	4	6
Guards & Doorkeepers	50	56	6	3	9
Bakers, Bread and/or Pastry	1	1	0	0	0
Butchers and/or Meat Cutters	14	16	2	0	2
Cooks, Institution	4	5	1	0	1
All Other Food Service Workers	12	14	2	4	6
Housekeepers	1	1	0	0	0
Nurse's Aides and/or Orderlies	23	26	3	4	7
Social Service Aides	3	3	0	0	0
Detectives, Police	11	12	1	0	1
Fire Fighters	42	47	5	0	5
TOTAL MAINTENANCE & PRODUCTION WORKERS	753	842	89	43	132
Mechanics, Aircraft	17	19	2	0	2
Mechanics, Automotive	34	38	4	3	7
Body Repairers, Automotive	1	1	0	0	0
Camera Repairers and/or Motion Picture Camera Repairers	1	1	0	0	0
Electric Motor Repairers	1	1	0	0	0
Electric Tool Repairers	2	2	0	0	0
Electromedical Equipment Repairers	3	3	0	0	0
Mechanics, Engineering Equipment	26	29	3	0	3
Instrument Repairers, Optical	3	3	0	0	0
Mechanics, Laundry Machine	1	1	0	0	0
Locksmiths	3	3	0	0	0
Mechanics, Maintenance	15	17	2	0	2
Office Machine Servicers	2	2	0	0	0
Mechanics, Refrigeration	15	17	2	0	2
Mechanics, Electronic	67	75	8	4	12
Gas & Electric Appliance Repairers	1	1	0	0	0
All Other Mechanics & Repairers	9	10	1	0	1
Laundry Markers, Classifiers and/or Assemblers	18	20	2	4	6
Washers, Machine and/or Starchers	2	2	0	0	0
Dry Cleaning Machine Operators	1	1	0	0	0
Laundry Pressers, Machine	2	2	0	0	0
Truck Drivers	50	56	6	4	10
Cabinetmakers	3	3	0	0	0
Cable Splicers	11	12	1	0	1
Carpenters	17	19	2	0	2
Crane, Derrick & Hoist Operators	1	1	0	0	0
Merchandise Displayers & Window Trimmers	3	3	0	0	0
Electricians	14	16	2	0	2
Exterminators	4	4	0	0	0
Supervisors, Nonworking	5	6	1	0	1
Heavy Equipment Operators	13	15	2	0	2
Riggers	1	1	0	0	0
Industrial Truck Operators	18	20	2	0	2
Telephone Installers, Repairers, and/or Section Maintainers	13	15	2	0	2
Machinists	2	2	0	0	0
Maintenance Repairers, General Utility	50	56	6	4	10
Painters, Maintenance	8	9	1	0	1
Plumbers and/or Pipefitters	28	31	3	4	7
Motion Picture Projectionists	4	4	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCHISE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Roofers	2	2	0	0	0
Sewage Plant Operators	5	6	1	0	1
Sewing Machine Operators, Regular Equipment	2	2	0	0	0
Sheet Metal Workers	13	15	2	0	2
Stationary Boiler Firers	15	17	2	0	2
Stationary Engineers	14	16	2	0	2
Stonemasons	4	4	0	0	0
Alteration Tailors	1	1	0	0	0
Animal Caretakers	15	17	2	4	6
Tire Fabricators and/or Repairers	1	1	0	0	0
Tool & Die Makers	1	1	0	0	0
Welders & Flamecutters	3	3	0	0	0
Offset Lithographic Press Operators	15	17	2	0	2
Strippers (Printing)	3	3	0	0	0
Camera Operators, Printing	1	1	0	0	0
Fuel Pump Attendants and/or Lubricators	2	2	0	0	0
Stock Clerks, Sales Floor	27	30	3	0	3
Bindery Workers	7	8	1	0	1
Gardeners & Groundskeepers	5	6	1	0	1
All Other Skilled Craft Workers	3	3	0	0	0
All Other Operatives & Semiskilled Workers	21	23	2	4	6
All Other Laborers & Unskilled Workers	124	139	15	12	27
TOTAL OFFICE CLERICAL WORKERS	1,198	1,341	143	290	433
Computer Operators	29	32	3	4	7
Keypunch Operators	30	34	4	8	12
Tabulating Machine Operators	4	4	0	0	0
All Other Office Machine Operators	2	2	0	0	0
Stenographers	48	54	6	12	18
Accounting Clerks	60	67	7	13	20
Bookkeepers, Hand	22	25	3	4	7
Cashiers	8	9	1	0	1
Claims Clerks	3	3	0	0	0
General Clerks	266	298	32	63	95
Information Clerks	2	2	0	0	0
Mail Clerks	49	55	6	8	14
Payroll and/or Timekeeping Clerks	37	41	4	8	12
Personnel Clerks	49	55	6	16	22
Procurement Clerks	12	13	1	0	1
Real Estate Clerks	1	1	0	0	0
Secretaries	230	257	27	62	89
Statistical Clerks	1	1	0	0	0
Switchboard Operators	25	28	3	8	11
Travel Clerks	5	6	1	0	1
Typists	251	281	30	74	104
Clerical Supervisors	2	2	0	0	0
Postal Service Clerks	37	41	4	4	8
All Other Office Clerical Workers	25	28	3	6	9
TOTAL PLANT CLERICAL WORKERS	240	268	28	34	62
Production Clerks and/or Coordinators	4	4	0	0	0
Shipping Packers	2	2	0	0	0
Shipping &/or Receiving Clerks	8	9	1	0	1
Stock Clerks	18	20	2	2	4
Dispatchers, Vehicle, Service or Work	9	10	1	0	1
Postal Mail Carriers	84	94	10	4	14
All Other Plant Clerical Workers	115	128	13	28	41
TOTAL SALES WORKERS	29	33	4	4	8
Sales Clerks	29	33	4	4	8
TOTAL ALL OCCUPATIONS	4,621	5,214	593	599	1,192

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCONINO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	139	154	15	19	34
Construction Inspectors	8	9	1	0	1
Postmasters & Mail Superintendents	11	12	1	4	5
All Other Managers & Officers	120	133	13	15	28
TOTAL PROFESSIONAL WORKERS	851	962	111	90	201
Agricultural Engineers	1	1	0	0	0
Civil Engineers	18	20	2	2	4
Electrical & Electronic Engineers	3	3	0	0	0
All Other Engineers	2	2	0	0	0
Mathematicians	6	7	1	0	1
Geologists & Geophysicists	48	54	6	4	10
All Other Physical Scientists	13	15	2	0	2
Agricultural Scientists	11	12	1	0	1
Biological Scientists	9	10	1	0	1
Foresters & Conservation Scientists	105	119	14	6	20
Economists	2	2	0	0	0
All Other Social Scientists	3	3	0	0	0
Systems Analysts, EDP	2	2	0	0	0
Teachers, Nonvocational Education	436	493	57	49	106
Photographers	3	3	0	0	0
Purchasing Agents and/or Buyers	16	18	2	1	3
Accountants & Auditors	2	2	0	0	0
Landscape Architects	5	6	1	0	1
Caseworkers	11	12	1	4	5
Commercial Artists	5	6	1	0	1
Dentists	5	6	1	0	1
Dietitians and/or Nutritionists	1	1	0	0	0
Writers and/or Editors	2	2	0	0	0
Librarians, Professional	2	2	0	0	0
Nurses, Professional	63	71	8	16	24
Optometrists	1	1	0	0	0
Personnel & Labor Relations Specialists	8	9	1	0	1
Pharmacists	5	6	1	0	1
Physical Therapists	1	1	0	0	0
Physicians and/or Surgeons	13	15	2	0	2
Designers	1	1	0	0	0
Tax Examiners, Collectors and/or Revenue Agents	3	3	0	0	0
Group Recreation Workers	25	28	3	4	7
All Other Professional Workers	20	23	3	4	7
TOTAL TECHNICAL WORKERS	957	1,082	125	93	218
Computer Programmers	12	14	2	0	2
Drafters	3	3	0	0	0
Electrical & Electronic Technicians	14	16	2	0	2
Surveyors	31	35	4	0	4
Broadcast Technicians	2	2	0	0	0
All Other Engineering Technicians	42	48	6	4	10
Physical Science Technicians	39	44	5	4	9
Biological Science Technicians	581	657	76	56	132
Air Traffic Controllers	8	9	1	0	1
Dental Assistants	6	7	1	0	1
Physician's Assistants	5	6	1	0	1
Airplane Pilots	3	3	0	0	0
Technical Assistants, Library	6	7	1	0	1
Pharmacy Helpers	3	3	0	0	0
Medical Records Librarians	9	10	1	4	5
Medical Laboratory Technologists	11	12	1	4	5
Nuclear Medical Technologists	7	8	1	0	1
Electrocardiograph Technicians	2	2	0	0	0
All Other Medical & Dental Technicians & Technologists	15	17	2	9	11
All Other Technical Workers	158	179	21	12	33

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCONINO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL SERVICE WORKERS	308	342	34	45	79
All Other Janitors, Porters, & Cleaners	51	57	6	8	14
Guards & Doorkeepers	39	43	4	0	4
Cooks, Institution	63	70	7	12	19
All Other Food Service Workers	47	52	5	8	13
Housekeepers	2	2	0	0	0
Nurse's Aides and/or Orderlies	74	82	8	17	25
Social Service Aides	1	1	0	0	0
Occupational Therapy Assistants	2	2	0	0	0
Officers, Police	9	10	1	0	1
Detectives, Police	8	9	1	0	1
Fire Fighters	12	13	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	596	659	63	48	111
Mechanics, Automotive	8	9	1	0	1
Electric Tool Repairers	1	1	0	0	0
Electromedical Equipment Repairers	1	1	0	0	0
Gasoline Engine or Mower Repairers	1	1	0	0	0
Mechanics, Engineering Equipment	9	10	1	0	1
Mechanics, Hydroelectric Machinery, Powerhouse, and/or Gas Plant Repairers	8	9	1	0	1
Mechanics, Maintenance	13	14	1	0	1
All Other Mechanics & Repairers	1	1	0	0	0
Truck Drivers	52	58	6	4	10
Blacksmiths	1	1	0	0	0
Carpenters	32	35	3	4	7
Crane, Derrick, & Hoist Operators	1	1	0	0	0
Craters	1	1	0	0	0
Electricians	17	19	2	0	2
Supervisors, Nonworking	11	12	1	0	1
Heavy Equipment Operators	41	45	4	4	8
Instrument Repairers	1	1	0	0	0
Machinists	2	2	0	0	0
Maintenance Repairers, General Utility	61	67	6	4	10
Painters, Maintenance	20	22	2	4	6
Plasterers	1	1	0	0	0
Plumbers and/or Pipefitters	7	8	1	0	1
Roofers	6	7	1	0	1
Sewage Plant Operators	2	2	0	0	0
Stationary Boiler Firers	7	8	1	0	1
Stationary Engineers	20	22	2	4	6
Stonemasons	2	2	0	0	0
Water Treatment Plant Operators	2	2	0	0	0
Fuel Pump Attendants and/or Lubricators	1	1	0	0	0
Loading Machine Operators	28	31	3	4	7
All Other Skilled Craft Workers	1	1	0	0	0
All Other Operatives & Semiskilled Workers	12	13	1	0	1
All Other Laborers & Unskilled Workers	225	249	24	20	44
TOTAL OFFICE CLERICAL WORKERS	378	419	41	90	131
Computer Operators	8	9	1	0	1
Keypunch Operators	3	3	0	0	0
Stenographers	5	6	1	0	1
Accounting Clerks	16	18	2	4	6
Bookkeepers, Hand	3	3	0	0	0
Claims Clerks	3	3	0	0	0
General Clerks	125	139	14	30	44
Information Clerks	1	1	0	0	0
Mail Clerks	9	10	1	0	1
Payroll and/or Timekeeping Clerks	2	2	0	0	0
Personnel Clerks	10	11	1	4	5
Procurement Clerks	2	2	0	0	0
Real Estate Clerks	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCONINO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Receptionists	1	1	0	0	0
Secretaries	27	30	3	8	11
Switchboard Operators	7	8	1	4	5
Typists	124	137	13	36	49
Clerical Supervisors	1	1	0	0	0
Postal Service Clerks	29	32	3	4	7
All Other Office Clerical Workers	1	1	0	0	0
TOTAL PLANT CLERICAL WORKERS	89	99	10	8	18
Postal Mail Carriers	77	86	9	4	13
All Other Plant Clerical Workers	12	13	1	4	5
TOTAL ALL OCCUPATIONS	3,318	3,717	399	393	792

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GILA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	22	26	4	4	8
Construction Inspectors	2	2	0	0	0
Postmasters and/or Mail Superintendents	10	12	2	4	6
All Other Managers & Officers	10	12	2	0	2
TOTAL PROFESSIONAL WORKERS	59	72	13	4	17
Agricultural Engineers	1	1	0	0	0
Civil Engineers	1	1	0	0	0
Mining Engineers	1	1	0	0	0
Biological Scientists	2	2	0	0	0
Foresters & Conservation Scientists	20	24	4	0	4
Teachers, Nonvocational Education	8	10	2	0	2
Caseworkers	5	6	1	0	1
Dentists	1	1	0	0	0
Nurses, Professional	13	16	3	4	7
Pharmacists	2	2	0	0	0
Physicians and/or Surgeons	4	5	1	0	1
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	173	211	38	13	51
Electrical & Electronic Technicians	3	4	1	0	1
Surveyors	2	2	0	0	0
All Other Engineering Technicians	3	4	1	0	1
Biological Science Technicians	134	163	29	13	42
Physician's Assistants	1	1	0	0	0
Radio Operators	3	4	1	0	1
Medical Records Librarians	3	4	1	0	1
Medical Laboratory Technologists	3	4	1	0	1
Radiologic and/or Nuclear Medical Technologists	1	1	0	0	0
All Other Medical & Dental Technicians & Technologists	3	4	1	0	1
All Other Technical Workers	17	21	4	0	4
TOTAL SERVICE WORKERS	35	42	7	4	11
All Other Janitors, Porters, & Cleaners	4	5	1	0	1
Guards & Doorkeepers	1	1	0	0	0
Cooks, Institution	3	4	1	0	1
All Other Food Service Workers	2	2	0	0	0
Nurse's Aides and/or Orderlies	14	17	3	4	7
Officers, Police	10	12	2	0	2
Detectives, Police	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	96	114	18	4	22
Mechanics, Automotive	1	1	0	0	0
Mechanics, Engineering Equipment	2	2	0	0	0
Mechanics, Maintenance	1	1	0	0	0
Truck Drivers	4	5	1	0	1
Carpenters	3	4	1	0	1
Electricians	1	1	0	0	0
Supervisors, Nonworking	2	2	0	0	0
Heavy Equipment Operators	16	19	3	0	3
Line Installers-Repairers	2	2	0	0	0
Maintenance Repairers, General Utility	4	5	1	0	1
Painters, Maintenance	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Stationary Engineers	2	2	0	0	0
Fuel Pump Attendants and/or Lubricators	1	1	0	0	0
All Other Skilled Craft Workers	1	1	0	0	0
All Other Laborers & Unskilled Workers	54	64	10	4	14
TOTAL OFFICE CLERICAL WORKERS	64	77	13	12	25
Accounting Clerks	2	2	0	0	0
Cashiers	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GILA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Claims Clerks	2	2	0	0	0
General Clerks	19	23	4	4	8
Information Clerks	1	1	0	0	0
Secretaries	4	5	1	0	1
Typists	22	26	4	8	12
Postal Service Clerks	13	16	3	0	3
TOTAL PLANT CLERICAL WORKERS	34	40	6	4	10
Postal Mail Carriers	32	38	6	4	10
All Other Plant Clerical Workers	2	2	0	0	0
TOTAL ALL OCCUPATIONS	483	582	99	45	144

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GRAHAM COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	18	19	1	0	1
Construction Inspectors	1	1	0	0	0
Postmasters and/or Mail Superintendents	6	6	0	0	0
All Other Managers & Officers	11	12	1	0	1
TOTAL PROFESSIONAL WORKERS	23	25	2	0	2
Civil Engineers	1	1	0	0	0
Geologists & Geophysicists	2	2	0	0	0
Agricultural Scientists	1	1	0	0	0
Biological Scientists	5	6	1	0	1
Foresters & Conservation Scientists	9	10	1	0	1
All Other Social Scientists	2	2	0	0	0
Teachers, Nonvocational Education	1	1	0	0	0
Personnel & Labor Relations Specialists	1	1	0	0	0
Veterinarians	1	1	0	0	0
TOTAL TECHNICAL WORKERS	30	32	2	4	6
Electrical & Electronic Technicians	1	1	0	0	0
All Other Engineering Technicians	1	1	0	0	0
Biological Science Technicians	28	30	2	4	6
TOTAL SERVICE WORKERS	23	24	1	4	5
Kitchen Helpers	3	3	0	0	0
Supervisors, Nonworking Service	1	1	0	0	0
Medical Assistants	1	1	0	0	0
Detectives, Police	1	1	0	0	0
Correction Officers and/or Jailers	17	18	1	4	5
TOTAL MAINTENANCE & PRODUCTION WORKERS	9	10	1	0	1
Mechanics, Automotive	1	1	0	0	0
Mechanics, Maintenance	1	1	0	0	0
Electricians	1	1	0	0	0
Supervisors, Nonworking	1	1	0	0	0
Maintenance Repairers, General Utility	1	1	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
All Other Laborers & Unskilled Workers	2	2	0	0	0
TOTAL OFFICE CLERICAL WORKERS	31	33	2	4	6
Stenographers	2	2	0	0	0
Accounting Clerks	1	1	0	0	0
Claims Clerks	1	1	0	0	0
General Clerks	12	13	1	4	5
Secretaries	1	1	0	0	0
Typists	5	5	0	0	0
Postal Service Clerks	9	10	1	0	1
TOTAL PLANT CLERICAL WORKERS	9	9	0	0	0
Postal Mail Carriers	9	9	0	0	0
TOTAL ALL OCCUPATIONS	143	152	9	12	21

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GREENLEE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	4	8	4	0	4
Postmasters and/or Mail Superintendents	4	8	4	0	4
TOTAL PROFESSIONAL WORKERS	5	11	6	0	6
Agricultural Scientists	1	2	1	0	1
Foresters & Conservation Scientists	4	9	5	0	5
TOTAL TECHNICAL WORKERS	15	32	17	3	20
Biological Scientists	15	32	17	3	20
TOTAL OFFICE CLERICAL WORKERS	9	19	10	0	10
General Clerks	1	2	1	0	1
Typists	1	2	1	0	1
Postal Service Clerks	7	15	8	0	8
TOTAL PLANT CLERICAL WORKERS	13	27	14	0	14
Postal Mail Carriers	13	27	14	0	14
TOTAL ALL OCCUPATIONS	46	97	51	3	54

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	943	970	27	108	135
Public Administration Inspectors	160	165	5	16	21
Construction Inspectors	48	49	1	4	5
Postmasters and/or Mail Superintendents	32	33	1	8	9
All Other Managers & Officers	703	723	20	80	100
TOTAL PROFESSIONAL WORKERS	2,522	2,635	113	306	419
Aeronautical Engineers	7	7	0	0	0
Agricultural Engineers	7	7	0	0	0
Civil Engineers	118	123	5	12	17
Electrical & Electronic Engineers	22	23	1	0	1
Industrial Engineers	5	5	0	0	0
Mechanical Engineers	2	2	0	0	0
Mining Engineers	8	8	0	0	0
Safety Engineers	2	2	0	0	0
All Other Engineers	31	32	1	0	1
Mathematicians	4	4	0	0	0
Statisticians	7	7	0	0	0
All Other Mathematical Scientists	1	1	0	0	0
Chemists	7	7	0	0	0
Geologists & Geophysicists	32	33	1	0	1
Meteorologists	19	20	1	0	1
Physicists	5	5	0	0	0
All Other Physical Scientists	1	1	0	0	0
Agricultural Scientists	19	20	1	4	5
Biological Scientists	100	104	4	12	16
Foresters & Conservation Scientists	62	65	3	4	7
Economists	13	14	1	0	1
Psychologists	55	57	2	4	6
Sociologists	1	1	0	0	0
Urban & Regional Planners	2	2	0	0	0
All Other Social Scientists	19	20	1	0	1
Systems Analysts, EDP	23	24	1	0	1
Teachers, Nonvocational Education	198	207	9	20	29
Photographers	6	6	0	0	0
Purchasing Agents and/or Buyers	109	114	5	12	17
Accountants & Auditors	110	115	5	16	21
Landscape Architects	7	7	0	0	0
Architects (Exclude Landscape Architects)	12	13	1	0	1
Caseworkers	47	49	2	8	10
Clergy	13	14	1	0	1
Commercial Artists	5	5	0	0	0
Dentists	8	8	0	0	0
Dietitions and/or Nutritionists	18	19	1	4	5
Writers and/or Editors	6	6	0	0	0
Law Clerks	32	33	1	4	5
Lawyers	87	91	4	8	12
Librarians, Professional	6	6	0	0	0
Model Makers	8	8	0	0	0
Curators, Museum	1	1	0	0	0
Nurses, Professional	347	363	16	78	94
Occupational Therapists	2	2	0	0	0
Optometrists	1	1	0	0	0
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	115	120	5	12	17
Pharmacists	28	29	1	4	5
Physical Therapists	5	5	0	0	0
Physicians and/or Surgeons	249	260	11	28	39
Podiatrists	1	1	0	0	0
Public Relations Practitioners	11	11	0	0	0
Veterinarians	12	13	1	0	1
Designers	1	1	0	0	0
Judges	17	18	1	4	5

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Tax Examiners, Collectors, and/or Revenue Agents	234	244	10	32	42
Appraisers, Real Estate	66	69	3	12	15
Group Recreation Workers	22	23	1	4	5
Speech Pathologists and/or Audiologists	4	4	0	0	0
All Other Professional Workers	161	168	7	24	31
TOTAL TECHNICAL WORKERS	1,159	1,211	52	110	162
Computer Programmers	11	11	0	0	0
Drafters	35	37	2	4	6
Electrical & Electronic Technicians	86	90	4	4	8
Surveyors	43	45	2	2	4
Radiographers	2	2	0	0	0
Mechanical Engineering Technicians	1	1	0	0	0
Broadcast Technicians	7	7	0	0	0
All Other Engineering Technicians	142	148	6	12	18
Physical Science Technicians	22	23	1	0	1
Biological Science Technicians	227	237	10	20	30
Air Traffic Controllers	185	193	8	4	12
Dental Assistants	14	15	1	4	5
Physician's Assistants	4	4	0	0	0
Airplane Pilots	38	40	2	0	2
Radio Operators	2	2	0	0	0
Technical Assistants, Library	7	7	0	0	0
Pharmacy Helpers	11	11	0	4	4
Medical Records Librarians	17	18	1	4	5
Dental Hygienists	1	1	0	0	0
Radiologic and/or Nuclear Medical Technologists	82	86	4	16	20
Electrocardiograph Technicians	26	27	1	4	5
All Other Medical & Dental Technicians & Technologists	34	36	2	20	22
All Other Technical Workers	162	169	7	12	19
TOTAL SERVICE WORKERS	1,032	1,061	29	141	170
All Other Janitors, Porters, & Cleaners	166	171	5	24	29
Guards & Doorkeepers	12	12	0	0	0
Bakers, Bread and/or Pastry	1	1	0	0	0
Butchers and/or Meat Cutters	38	39	1	4	5
Cooks, Institutional	55	57	2	8	10
All Other Food Service Workers	84	86	2	16	18
Barbers	1	1	0	0	0
Supervisors, Nonworking Service	1	1	0	0	0
Housekeepers	5	5	0	0	0
Nurse's Aides and/or Orderlies	329	338	9	73	82
Fish & Game Wardens	1	1	0	0	0
Social Service Aides	4	4	0	0	0
Occupational Therapy Assistants	1	1	0	0	0
Officers, Police	26	27	1	0	1
Detectives, Police	189	194	5	8	13
Correction Officers and/or Jailers	6	6	0	0	0
United States Marshalls	21	22	1	4	5
Fire Fighters	88	90	2	4	6
All Other Service Workers	4	4	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	2,057	2,102	45	138	183
Mechanics, Aircraft	324	331	7	12	19
Mechanics, Automotive	60	61	1	4	5
Body Repairers, Automotive	2	2	0	0	0
Camera Repairers and/or Motion Picture Camera Repairers	1	1	0	0	0
Electric Tool Repairers	7	7	0	0	0
Electromedical Equipment Repairers	7	7	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Gunsmiths	2	2	0	0	0
Mechanics, Engineering Equipment	38	39	1	4	5
Mechanics, Laundry Machine	1	1	0	0	0
Locksmiths	2	2	0	0	0
Mechanics, Maintenance	128	131	3	8	11
Mechanics, Refrigeration	63	64	1	4	5
Mechanics, Electronics	87	89	2	4	6
Mechanics, Data Processing	2	2	0	0	0
All Other Mechanics & Repairers	67	68	1	4	5
Developers and/or Projection Printers	1	1	0	0	0
Markers, Classifiers, and/or Assemblers	21	21	0	4	4
Washers, Machine and/or Starchers	4	4	0	0	0
Dry Cleaning Machine Operators	1	1	0	0	0
Truck Drivers	133	136	3	8	11
Cabinetmakers	12	12	0	0	0
Cable Splicers	12	12	0	0	0
Carpenters	30	31	1	4	5
Craters	8	8	0	0	0
Electricians	75	77	2	4	6
Exterminators	1	1	0	0	0
Supervisors, Nonworking	25	26	1	0	1
Heavy Equipment Operators	19	19	0	0	0
Industrial Truck Operators	49	50	1	4	5
Inspectors	1	1	0	0	0
Telephone Installers, Repairers, and/or Section Maintainers	1	1	0	0	0
Line Installers-Repairers	1	1	0	0	0
Machinists	12	12	0	0	0
Maintenance Repairers, General Utility	57	58	1	4	5
Painters, Maintenance	35	36	1	4	5
Electroplaters	1	1	0	0	0
Plumbers and/or Pipefitters	30	31	1	4	5
Rotary Drill Operators	24	25	1	4	5
Dental Laboratory Technicians	2	2	0	0	0
Sewage Plant Operators	6	6	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Sheet Metal Workers	36	37	1	0	1
Stationary Boiler Firers	8	8	0	0	0
Stationary Engineers	5	5	0	0	0
Stonemasons	4	4	0	0	0
Animal Caretakers	65	66	1	12	13
Tire Fabricators and/or Repairers	1	1	0	0	0
Tool & Die Makers	4	4	0	0	0
Water Treatment Plant Operators	5	5	0	0	0
Welders & Flamecutters	8	8	0	0	0
Offset Lithographic Press Operators	7	7	0	0	0
Fuel Pump Attendants and/or Lubricators	7	7	0	0	0
Stock Clerks, Sales Floor	67	68	1	4	5
Highway Maintenance Workers	1	1	0	0	0
Machine Tool Operators, Combination	1	1	0	0	0
Painters, Production	1	1	0	0	0
Loading Machine Operators	6	6	0	0	0
Dip Platers, Nonelectrolytic	1	1	0	0	0
Gardeners & Groundskeepers	7	7	0	0	0
All Other Skilled Craft Workers	4	4	0	0	0
All Other Operatives & Semiskilled Workers	35	36	1	4	5
All Other Laborers & Unskilled Workers	431	440	9	38	47
TOTAL OFFICE CLERICAL WORKERS	3,290	3,365	75	719	794
Computer Operators	14	14	0	0	0
Keypunch Operators	43	44	1	12	13
All Other Office Machine Operators	5	5	0	0	0
Stenographers	215	220	5	52	57
Accounting Clerks	165	169	4	36	40
Bookkeepers, Hand	20	20	0	4	4

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Cashiers	11	11	0	4	4
Claims Adjusters	44	45	1	4	5
Claims Clerks	138	141	3	32	35
General Clerks	818	837	19	183	202
Information Clerks	118	121	3	34	37
Mail Clerks	75	77	2	12	14
Payroll and/or Timekeeping Clerks	29	30	1	4	5
Personnel Clerks	119	122	3	36	39
Procurement Clerks	40	41	1	4	5
Real Estate Clerks	40	41	1	8	9
Receptionists	13	13	0	4	4
Secretaries	267	273	6	68	74
Statistical Clerks	11	11	0	4	4
Switchboard Operators	66	68	2	20	22
Travel Clerks	6	6	0	0	0
Typists	494	505	11	138	149
Clerical Supervisors	17	17	0	0	0
Postal Service Clerks	497	508	11	56	67
All Other Office Clerical Workers	25	26	1	4	5
TOTAL PLANT CLERICAL WORKERS	3,592	3,674	82	235	317
Production Clerks and/or Coordinators	14	14	0	0	0
Shipping and/or Receiving Clerks	8	8	0	0	0
Stock Clerks	39	40	1	0	1
Dispatchers, Vehicle, Service or Work	11	11	0	0	0
Postal Mail Carriers	3,399	3,477	78	207	285
All Other Plant Clerical Workers	121	124	3	28	31
TOTAL SALES WORKERS	55	57	2	4	6
Sales Clerks	55	57	2	4	6
TOTAL ALL OCCUPATIONS	14,650	15,075	425	1,761	2,186

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MOHAVE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	24	36	12	6	18
Construction Inspectors	1	1	0	0	0
Postmasters and/or Mail Superintendents	7	11	4	2	6
All Other Managers & Officers	16	24	8	4	12
TOTAL PROFESSIONAL WORKERS	9	14	5	0	5
Electrical & Electronic Engineers	1	1	0	0	0
Geologists & Geophysicists	1	1	0	0	0
Biological Scientists	4	6	2	0	2
Teachers, Nonvocational Education	1	1	0	0	0
Purchasing Agents and/or Buyers	1	1	0	0	0
Landscape Architects	1	1	0	0	0
TOTAL TECHNICAL WORKERS	24	36	12	2	14
Electrical & Electronic Technicians	1	1	0	0	0
Surveyors	1	1	0	0	0
All Other Engineering Technicians	1	1	0	0	0
Biological Science Technicians	17	26	9	2	11
Air Traffic Controllers	1	1	0	0	0
Physician's Assistants	1	1	0	0	0
Medical Records Librarians	1	1	0	0	0
All Other Technical Workers	1	1	0	0	0
TOTAL SERVICE WORKERS	6	9	3	0	3
All Other Janitors, Porters, & Cleaners	1	1	0	0	0
Social Service Aides	1	1	0	0	0
Officers, Police	1	1	0	0	0
Detectives, Police	2	3	1	0	1
United States Marshalls	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	62	91	29	4	33
Mechanics, Hydroelectric Machinery, Powerhouse, and/or Gas Plant Repairers	4	6	2	0	2
Mechanics, Maintenance	4	6	2	0	2
Truck Drivers	3	4	1	0	1
Carpenters	2	3	1	0	1
Crane, Derrick, & Hoist Operators	1	1	0	0	0
Electricians	2	3	1	0	1
Supervisors, Nonworking	1	1	0	0	0
Heavy Equipment Operators	6	9	3	0	3
Maintenance Repairers, General Utility	6	9	3	0	3
Painters, Maintenance	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Stationary Engineers	3	4	1	0	1
Water Treatment Plant Operators	1	1	0	0	0
All Other Operatives & Semiskilled Workers	1	1	0	0	0
All Other Laborers & Unskilled Workers	26	38	12	4	16
TOTAL OFFICE CLERICAL WORKERS	37	54	17	9	26
Stenographers	1	1	0	0	0
General Clerks	11	17	6	4	10
Real Estate Clerks	1	1	0	0	0
Secretaries	1	1	0	0	0
Typists	4	6	2	1	3
Postal Service Clerks	19	28	9	4	13
TOTAL PLANT CLERICAL WORKERS	15	22	7	0	7
Postal Mail Carriers	14	21	7	0	7
All Other Plant Clerical Workers	1	1	0	0	0
TOTAL ALL OCCUPATIONS	177	262	85	21	106

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

NAVAJO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	66	71	5	8	13
Construction Inspectors	3	3	0	0	0
Postmasters and/or Mail Superintendents	22	24	2	4	6
All Other Managers & Officers	41	44	3	4	7
TOTAL PROFESSIONAL WORKERS	811	896	85	90	175
Agricultural Engineers	1	1	0	0	0
Civil Engineers	3	3	0	0	0
Biological Scientists	9	10	1	0	1
Foresters & Conservation Scientists	34	38	4	0	4
Teachers, Nonvocational Education	644	712	68	70	138
Caseworkers	10	11	1	0	1
Dentists	5	6	1	0	1
Librarians, Professional	1	1	0	0	0
Nurses, Professional	51	56	5	12	17
Optometrists	1	1	0	0	0
Pharmacists	6	7	1	0	1
Physicians and/or Surgeons	21	23	2	4	6
Veterinarians	1	1	0	0	0
Group Recreation Workers	21	23	2	4	6
All Other Professional Workers	3	3	0	0	0
TOTAL TECHNICAL WORKERS	559	618	59	48	107
Electrical & Electronic Technicians	1	1	0	0	0
Surveyors	11	12	1	0	1
Broadcast Technicians	2	2	0	0	0
All Other Engineering Technicians	16	18	2	0	2
Physical Science Technicians	7	8	1	0	1
Biological Science Technicians	179	198	19	16	35
Dental Assistants	13	14	1	4	5
Physician's Assistants	7	8	1	0	1
Radio Operators	5	6	1	0	1
Pharmacy Helpers	1	1	0	0	0
Medical Records Librarians	6	7	1	0	1
Medical Laboratory Technologists	7	8	1	0	1
Radiologic and/or Nuclear Medical Technologists	3	3	0	0	0
All Other Medical & Dental Technicians & Technologists	8	9	1	4	5
All Other Technical Workers	293	324	31	24	55
TOTAL SERVICE WORKERS	325	353	28	47	75
All Other Janitors, Porters, & Cleaners	43	47	4	8	12
Guards & Doorkeepers	5	5	0	0	0
Cooks, Institutional	87	94	7	15	22
All Other Food Service Workers	46	50	4	8	12
Nurse's Aides and/or Orderlies	69	75	6	16	22
Forest Conservation Workers	42	46	4	0	4
Guides, Sightseeing or Establishment	1	1	0	0	0
Social Service Aides	3	3	0	0	0
Officers, Police	25	27	2	0	2
Detectives, Police	4	4	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	371	401	30	24	54
Mechanics, Automotive	8	9	1	0	1
Mechanics, Engineering Equipment	3	3	0	0	0
Mechanics, Maintenance	4	4	0	0	0
Truck Drivers	76	82	6	4	10
Carpenters	8	9	1	0	1
Electricians	3	3	0	0	0
Supervisors, Nonworking	15	16	1	0	1
Heavy Equipment Operators	41	44	3	4	7
Maintenance Repairers, General Utility	41	44	3	4	7

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

NAVAJO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Oilers	1	1	0	0	0
Painters, Maintenance	6	6	0	0	0
Plumbers and/or Pipefitters	2	2	0	0	0
Stationary Boiler Firers	8	9	1	0	1
Stationary Engineers	3	3	0	0	0
All Other Operatives & Semiskilled Workers	10	11	1	0	1
All Other Laborers & Unskilled Workers	142	153	11	12	23
TOTAL OFFICE CLERICAL WORKERS	210	229	19	49	68
Stenographers	4	4	0	0	0
Accounting Clerks	4	4	0	0	0
General Clerks	74	81	7	17	24
Personnel Clerks	1	1	0	0	0
Procurement Clerks	1	1	0	0	0
Real Estate Clerks	2	2	0	0	0
Receptionists	1	1	0	0	0
Secretaries	11	12	1	4	5
Typists	84	92	8	24	32
Postal Service Clerks	28	31	3	4	7
TOTAL PLANT CLERICAL WORKERS	37	40	3	4	7
Postal Mail Carriers	33	36	3	4	7
All Other Plant Clerical Workers	4	4	0	0	0
TOTAL ALL OCCUPATIONS	2,379	2,608	229	270	499

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	371	376	5	44	49
Public Administration Inspectors	113	114	1	12	13
Construction Inspectors	10	10	0	0	0
Postmasters and/or Mail Superintendents	15	15	0	4	4
All Other Managers & Officers	233	236	3	28	31
TOTAL PROFESSIONAL WORKERS	1,065	1,098	33	116	149
Aeronautical Engineers	2	2	0	0	0
Civil Engineers	18	19	1	0	1
Electrical & Electronic Engineers	3	3	0	0	0
Industrial Engineers	7	7	0	0	0
Mechanical Engineers	1	1	0	0	0
Mining Engineers	1	1	0	0	0
All Other Engineers	13	13	0	0	0
Mathematicians	2	2	0	0	0
Statisticians	2	2	0	0	0
All Other Mathematical Scientists	2	2	0	0	0
Chemists	2	2	0	0	0
Geologists & Geophysicists	30	31	1	0	1
Meteorologists	1	1	0	0	0
Physicists	2	2	0	0	0
All Other Physical Scientists	4	4	0	0	0
Agricultural Scientists	7	7	0	0	0
Biological Scientists	38	39	1	4	5
Foresters & Conservation Scientists	15	15	0	0	0
Economists	4	4	0	0	0
Psychologists	24	25	1	0	1
All Other Social Scientists	28	29	1	0	1
Systems Analysts, EDP	20	21	1	0	1
Teachers, Nonvocational Education	106	109	3	12	15
Photographers	5	5	0	0	0
Purchasing Agents and/or Buyers	29	30	1	4	5
Accountants & Auditors	26	27	1	4	5
Landscape Architects	2	2	0	0	0
Architects (Exclude Landscape Architects)	1	1	0	0	0
Caseworkers	20	21	1	4	5
Clergy	7	7	0	0	0
Commercial Artists	5	5	0	0	0
Dentists	4	4	0	0	0
Dietitions and/or Nutritionists	8	8	0	0	0
Writers and/or Editors	7	7	0	0	0
Law Clerks	15	15	0	0	0
Lawyers	19	20	1	0	1
Librarians, Professional	3	3	0	0	0
Curators, Museum	2	2	0	0	0
Nurses, Professional	178	184	6	40	46
Occupational Therapists	2	2	0	0	0
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	40	41	1	4	5
Pharmacists	17	18	1	4	5
Physical Therapists	3	3	0	0	0
Physicians and/or Surgeons	206	212	6	24	30
Podiatrists	1	1	0	0	0
Judges	2	2	0	0	0
Tax Examiners, Collectors, and/or Revenue Agents	52	54	2	8	10
Appraisers, Real Estate	3	3	0	0	0
Speech Pathologists and/or Audiologists	6	6	0	0	0
Corrective Therapists	2	2	0	0	0
All Other Professional Workers	67	69	2	8	10
TOTAL TECHNICAL WORKERS	617	635	18	64	82
Computer Programmers	10	10	0	0	0
Drafters	5	5	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Electrical & Electronic Technicians	43	44	1	0	1
Surveyors	10	10	0	0	0
Radiographers	4	4	0	0	0
Broadcast Technicians	5	5	0	0	0
All Other Engineering Technicians	26	27	1	4	5
Physical Science Technicians	16	16	0	0	0
Biological Science Technicians	122	126	4	12	16
Air Traffic Controllers	92	95	3	4	7
Dental Assistants	7	7	0	4	4
Mathematical Technicians	1	1	0	0	0
Physician's Assistants	7	7	0	0	0
Airplane Pilots	40	41	1	0	1
Technical Assistants, Library	4	4	0	0	0
Pharmacy Helpers	2	2	0	0	0
Medical Records Librarians	19	20	1	4	5
Medical Laboratory Technologists	47	48	1	8	9
Radiologic and/or Nuclear Medical Technologists	28	29	1	4	5
Electrocardiograph Technicians	27	28	1	4	5
All Other Medical & Dental Technicians & Technologists	25	26	1	12	13
All Other Technical Workers	77	79	2	8	10
TOTAL SERVICE WORKERS	527	535	8	61	69
All Other Janitors, Porters, & Cleaners	65	66	1	8	9
Guards & Doorkeepers	36	37	1	0	1
Bakers, Bread and/or Pastry	2	2	0	0	0
Butchers and/or Meat Cutters	25	25	0	0	0
Cooks, Institution	26	26	0	4	4
All Other Food Service Workers	73	74	1	12	13
Barbers	2	2	0	0	0
Housekeepers	1	1	0	0	0
Nurse's Aides and/or Orderlies	133	135	2	29	31
Social Service Aides	3	3	0	0	0
Occupational Therapy Assistants	1	1	0	0	0
Officers, Police	29	29	0	0	0
Detectives, Police	68	70	2	4	6
United States Marshalls	14	14	0	4	4
Fire Fighters	49	50	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	1,664	1,678	14	96	110
Mechanics, Aircraft	436	440	4	16	20
Mechanics, Automotive	44	44	0	4	4
Body Repairers, Automotive	3	3	0	0	0
Electric Tool Repairers	2	2	0	0	0
Electromedical Equipment Repairers	1	1	0	0	0
Mechanics, Engineering Equipment	25	25	0	0	0
Instrument Repairers, Optical	1	1	0	0	0
Locksmiths	1	1	0	0	0
Mechanics, Maintenance	37	37	0	4	4
Mechanics, Refrigeration	30	30	0	0	0
Mechanics, Electronics	74	75	1	4	5
Gas & Electric Appliance Repairers	3	3	0	0	0
All Other Mechanics & Repairers	70	71	1	4	5
Developers and/or Projection Printers	1	1	0	0	0
Laundry Markers, Classifiers, and/or Assemblers	3	3	0	0	0
Truck Drivers	75	76	1	4	5
Cabinetmakers	1	1	0	0	0
Cable Splicers	2	2	0	0	0
Carpenters	37	37	0	4	4
Crane, Derrick, & Hoist Operators	8	8	0	0	0
Craters	32	32	0	4	4

BEST AVAILABLE COPY

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Electricians	45	45	0	4	4
Exterminators	1	1	0	0	0
Supervisors, Nonworking	19	19	0	0	0
Heavy Equipment Operators	28	28	0	0	0
Riggers	2	2	0	0	0
Industrial Truck Operators	58	59	1	4	5
Inspectors	1	1	0	0	0
Locomotive Engineers	1	1	0	0	0
Machinists	5	5	0	0	0
Maintenance Repairers, General Utility	33	33	0	0	0
Oilers	2	2	0	0	0
Painters, Maintenance	40	40	0	4	4
Plasterers	2	2	0	0	0
Plumbers and/or Pipefitters	27	27	0	0	0
Rotary Drill Operators	1	1	0	0	0
Dental Laboratory Technicians	2	2	0	0	0
Sandblasters and/or Shotblasters	5	5	0	0	0
Sewing Machine Operators, Regular Equipment	2	2	0	0	0
Sheet Metal Workers	18	18	0	0	0
Stationary Boiler Firers	10	10	0	0	0
Stationary Engineers	3	3	0	0	0
Stonemasons	5	5	0	0	0
Welders & Flamecutters	7	7	0	0	0
Offset Lithographic Press Operators	4	4	0	0	0
Camera Operators, Printing	1	1	0	0	0
Fuel Pump Attendants and/or Lubricators	5	5	0	0	0
Stock Clerks, Sales Floor	39	39	0	4	4
Highway Maintenance Workers	3	3	0	0	0
Dip Platers	1	1	0	0	0
Upholsterers	1	1	0	0	0
Gardeners & Groundskeepers	6	6	0	0	0
All Other Skilled Craft Workers	1	1	0	0	0
All Other Operatives & Semiskilled Workers	61	61	0	8	8
All Other Laborers & Unskilled Workers	339	342	3	28	31
TOTAL OFFICE CLERICAL WORKERS	1,080	1,089	9	224	233
Computer Operators	13	13	0	0	0
Keypunch Operators	20	20	0	4	4
All Other Office Machine Operators	2	2	0	0	0
Stenographers	57	58	1	12	13
Accounting Clerks	59	59	0	12	12
Bookkeepers, Hand	5	5	0	0	0
Cashiers	4	4	0	0	0
Claims Clerks	22	22	0	4	4
Correspondence Clerks	1	1	0	0	0
General Clerks	334	337	3	76	79
Information Clerks	18	18	0	4	4
Mail Clerks	22	22	0	4	4
Payroll and/or Timekeeping Clerks	21	21	0	4	4
Personnel Clerks	31	31	0	8	8
Procurement Clerks	11	11	0	0	0
Real Estate Clerks	3	3	0	0	0
Receptionists	4	4	0	0	0
Secretaries	97	98	1	24	25
Statistical Clerks	7	7	0	0	0
Switchboard Operators	13	13	0	4	4
Travel Clerks	3	3	0	0	0
Typists	172	174	2	48	50
Clerical Supervisors	3	3	0	0	0
Postal Service Clerks	132	133	1	16	17
All Other Office Clerical Workers	26	26	0	4	4

BEST AVAILABLE COPY

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL PLANT CLERICAL WORKERS	963	971	8	76	84
Production Clerks and/or Coordinators	29	29	0	4	4
Shipping Packers	12	12	0	0	0
Stock Clerks	39	39	0	4	4
Dispatchers, Vehicle, Service or Work	3	3	0	0	0
Postal Mail Carriers	782	788	6	48	54
All Other Plant Clerical Workers	98	99	1	20	21
TOTAL SALES WORKERS	42	42	0	4	4
Sales Clerks	42	42	0	4	4
TOTAL ALL OCCUPATIONS	6,329	6,424	95	685	780

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PINAL COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	51	59	8	8	16
Public Administration Inspectors	8	9	1	0	1
Construction Inspectors	3	3	0	0	0
Postmasters and/or Mail Superintendents	15	17	2	4	6
All Other Managers & Officers	25	29	4	4	8
TOTAL PROFESSIONAL WORKERS	61	71	10	8	18
Agricultural Engineers	1	1	0	0	0
Civil Engineers	4	5	1	0	1
Electrical & Electronic Engineers	2	2	0	0	0
All Other Engineers	1	1	0	0	0
Agricultural Scientists	1	1	0	0	0
Biological Scientists	1	1	0	0	0
Foresters & Conservation Scientists	3	3	0	0	0
All Other Social Scientists	1	1	0	0	0
Teachers, Nonvocational Education	19	21	2	4	6
Caseworkers	5	6	1	0	1
Nurses, Professional	14	16	2	4	6
Pharmacists	2	2	0	0	0
Physicians and/or Surgeons	4	5	1	0	1
All Other Professional Workers	3	3	0	0	0
TOTAL TECHNICAL WORKERS	58	68	10	0	10
Surveyors	19	22	3	0	3
All Other Engineering Technicians	1	1	0	0	0
Physical Science Technicians	2	2	0	0	0
Biological Science Technicians	10	12	2	0	2
Dental Assistants	2	2	0	0	0
Physician's Assistants	1	1	0	0	0
Technical Assistants, Library	1	1	0	0	0
Medical Records Librarians	2	2	0	0	0
Medical Laboratory Technologists	3	4	1	0	1
All Other Medical & Dental Technicians & Technologists	1	1	0	0	0
All Other Technical Workers	16	19	3	0	3
TOTAL SERVICE WORKERS	61	70	9	8	17
All Other Janitors, Porters, & Cleaners	5	6	1	0	1
Kitchen Helpers	1	1	0	0	0
Cooks, Institution	5	6	1	0	1
All Other Food Service Workers	2	2	0	0	0
Supervisors, Nonworking Service	1	1	0	0	0
Nurse's Aides and/or Orderlies	12	14	2	4	6
Officers, Police	9	10	1	0	1
Detectives, Police	4	5	1	0	1
Correction Officers and/or Jailers	21	24	3	4	7
All Other Service Workers	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	142	162	20	4	24
Mechanics, Automotive	4	5	1	0	1
Electrical Instrument Repairers	1	1	0	0	0
Mechanics, Engineering Equipment	5	6	1	0	1
Mechanics, Maintenance	14	16	2	0	2
Truck Drivers	7	8	1	0	1
Carpenters	2	2	0	0	0
Crane, Derrick, & Hoist Operators	2	2	0	0	0
Electricians	13	15	2	0	2
Supervisors, Nonworking	5	6	1	0	1
Heavy Equipment Operators	14	16	2	0	2
Line Installers-Repairers	26	30	4	0	4
Machinists	3	3	0	0	0
Maintenance Repairers, General Utility	4	5	1	0	1
Oilers	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PINAL COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Painters, Maintenance	1	1	0	0	0
Plumbers and/or Pipefitters	3	3	0	0	0
Rotary Drill Operators	5	6	1	0	1
Substation Operators	4	5	1	0	1
Welders & Flamecutters	1	1	0	0	0
Fuel Pump Attendants and/or Lubricators	1	1	0	0	0
All Other Skilled Craft Workers	4	5	1	0	1
All Other Laborers & Unskilled Workers	22	25	3	4	7
TOTAL OFFICE CLERICAL WORKERS	117	134	17	20	37
All Other Office Machine Operators	2	2	0	0	0
Accounting Clerks	8	9	1	0	1
Bookkeepers, Hand	1	1	0	0	0
Cashiers	4	5	1	0	1
Claims Clerks	5	6	1	0	1
General Clerks	29	33	4	8	12
Payroll and/or Timekeeping Clerks	1	1	0	0	0
Procurement Clerks	1	1	0	0	0
Real Estate Clerks	3	3	0	0	0
Secretaries	5	6	1	0	1
Statistical Clerks	1	1	0	0	0
Typists	27	31	4	8	12
Postal Service Clerks	30	34	4	4	8
TOTAL PLANT CLERICAL WORKERS	67	76	9	4	13
Postal Mail Carriers	64	73	9	4	13
All Other Plant Clerical Workers	3	3	0	0	0
TOTAL ALL OCCUPATIONS	557	640	83	52	135

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

SANTA CRUZ COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	193	216	23	20	43
Public Administration Inspectors	177	198	21	20	41
Postmasters & Mail Superintendents	6	7	1	0	1
All Other Managers & Officers	10	11	1	0	1
TOTAL PROFESSIONAL WORKERS	25	28	3	0	3
Biological Scientists	14	16	2	0	2
Foresters & Conservation Scientists	2	2	0	0	0
Economists	1	1	0	0	0
Lawyers	5	6	1	0	1
Paralegal Personnel	1	1	0	0	0
Physicians and/or Surgeons	1	1	0	0	0
Veterinarians	1	1	0	0	0
TOTAL TECHNICAL WORKERS	34	39	5	4	9
Electrical & Electronic Technicians	1	1	0	0	0
Biological Science Technicians	27	31	4	4	8
All Other Technical Workers	6	7	1	0	1
TOTAL SERVICE WORKERS	36	40	4	0	4
All Other Janitors, Porters, & Cleaners	12	13	1	0	1
Fish & Game Wardens	1	1	0	0	0
Detectives, Police	22	24	2	0	2
United States Marshalls	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	16	18	2	0	2
Mechanics, Refrigeration	1	1	0	0	0
Electricians	1	1	0	0	0
Heavy Equipment Operators	3	3	0	0	0
Maintenance Repairers, General Utility	4	5	1	0	1
Plumbers and/or Pipefitters	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Fuel Pump Attendants and/or Lubricators	1	1	0	0	0
All Other Laborers & Unskilled Workers	4	5	1	0	1
TOTAL OFFICE CLERICAL WORKERS	70	78	8	16	24
Stenographers	1	1	0	0	0
Cashiers	3	3	0	0	0
Claims Clerks	2	2	0	0	0
General Clerks	20	22	2	4	6
Information Clerks	1	1	0	0	0
Secretaries	3	3	0	0	0
Typists	9	10	1	4	5
Clerical Supervisors	1	1	0	0	0
Postal Service Clerks	18	20	2	4	6
All Other Office Clerical Workers	12	13	1	4	5
TOTAL PLANT CLERICAL WORKERS	13	15	2	0	2
Postal Mail Carriers	13	15	2	0	2
TOTAL ALL OCCUPATIONS	387	434	47	40	87

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YAVAPAI COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGER & OFFICERS	45	49	4	8	12
Construction Inspectors	1	1	0	0	0
Postmasters and/or Mail Superintendents	16	18	2	4	6
All Other Managers & Officers	28	30	2	4	6
TOTAL PROFESSIONAL WORKERS	179	202	23	22	45
Agricultural Engineers	1	1	0	0	0
Civil Engineers	2	2	0	0	0
All Other Engineers	2	2	0	0	0
Chemists	2	2	0	0	0
Agricultural Scientists	1	1	0	0	0
Biological Scientists	2	2	0	0	0
Foresters & Conservation Scientists	26	29	3	0	3
Psychologists	4	5	1	0	1
Teachers, Nonvocational Education	1	1	0	0	0
Purchasing Agents and/or Buyers	5	6	1	0	1
Accountants & Auditors	2	2	0	0	0
Landscape Architects	1	1	0	0	0
Caseworkers	10	11	1	0	1
Clergy	2	2	0	0	0
Dentists	3	3	0	0	0
Dietitions and/or Nutritionists	3	3	0	0	0
Librarians, Professional	2	2	0	0	0
Nurses, Professional	74	84	10	18	28
Occupational Therapists	2	2	0	0	0
Personnel & Labor Relations Specialists	3	3	0	0	0
Pharmacists	3	3	0	0	0
Physical Therapists	4	5	1	0	1
Physicians and/or Surgeons	20	23	3	4	7
Tax Examiners, Collectors, and/or Revenue Agents	2	2	0	0	0
Group Recreation Workers	1	1	0	0	0
Manual-Arts, Music, and/or Recreational Therapists	1	1	0	0	0
TOTAL TECHNICAL WORKERS	217	245	28	16	44
Drafters	1	1	0	0	0
Electrical & Electronic Technicians	7	8	1	0	1
Surveyors	1	1	0	0	0
All Other Engineering Technicians	4	5	1	0	1
Biological Science Technicians	161	181	20	16	36
Air Traffic Controllers	14	16	2	0	2
Dental Assistants	3	3	0	0	0
Pharmacy Helpers	2	2	0	0	0
Medical Records Librarians	4	5	1	0	1
Medical Laboratory Technologists	8	9	1	0	1
Radiologic and/or Nuclear Medical Technologists	5	6	1	0	1
Electrocardiograph Technicians	5	6	1	0	1
All Other Medical & Dental Technicians & Technologists	1	1	0	0	0
All Other Technical Workers	1	1	0	0	0
TOTAL SERVICE WORKERS	170	189	19	31	50
All Other Janitors, Porters, & Cleaners	33	37	4	4	8
Cooks, Institution	10	11	1	0	1
All Other Food Service Workers	50	56	6	11	17
Barbers	2	2	0	0	0
Housekeepers	1	1	0	0	0
Nurse's Aides and/or Orderlies	63	70	7	16	23
Officers, Police	9	10	1	0	1
Detectives, Police	1	1	0	0	0
United States Marshalls	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YAVAPAI COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MAINTENANCE & PRODUCTION WORKERS	76	83	7	4	11
Mechanics, Automotive	1	1	0	0	0
Electromedical Equipment Repairers	2	2	0	0	0
Mechanics, Maintenance	1	1	0	0	0
Mechanics, Refrigeration	1	1	0	0	0
Laundry Markers, Classifiers, and/or Assemblers	2	2	0	0	0
Dry Cleaning Machine Operators	1	1	0	0	0
Truck Drivers	5	6	1	0	1
Carpenters	2	2	0	0	0
Electricians	5	6	1	0	1
Supervisors, Nonworking	2	2	0	0	0
Heavy Equipment Operators	4	4	0	0	0
Industrial Truck Operators	1	1	0	0	0
Maintenance Repairers, General Utility	4	4	0	0	0
Painters, Maintenance	3	3	0	0	0
Plumbers and/or Pipefitters	3	3	0	0	0
Dental Laboratory Technicians	1	1	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Stationary Boiler Firers	7	8	1	0	1
Stonemasons	1	1	0	0	0
Welders & Flamecutters	1	1	0	0	0
All Other Laborers & Unskilled Workers	28	31	3	4	7
TOTAL OFFICE CLERICAL WORKERS	151	167	16	32	48
Stenographers	11	12	1	4	5
Accounting Clerks	4	4	0	0	0
Bookkeepers, Hand	3	3	0	0	0
Cashiers	1	1	0	0	0
Claims Clerks	5	6	1	0	1
General Clerks	49	54	5	12	17
Information Clerks	2	2	0	0	0
Mail Clerks	3	3	0	0	0
Payroll and/or Timekeeping Clerks	2	2	0	0	0
Personnel Clerks	5	6	1	0	1
Secretaries	13	14	1	4	5
Switchboard Operators	2	2	0	0	0
Travel Clerks	1	1	0	0	0
Typists	24	27	3	8	11
Clerical Supervisors	1	1	0	0	0
Postal Service Clerks	25	28	3	4	7
TOTAL PLANT CLERICAL WORKERS	58	63	5	4	9
Production Clerks and/or Coordinators	1	1	0	0	0
Postal Mail Carriers	53	58	5	4	9
All Other Plant Clerical Workers	4	4	0	0	0
TOTAL SALES WORKERS	6	6	0	0	0
Sales Clerks	6	6	0	0	0
TOTAL ALL OCCUPATIONS	902	1,004	102	117	219

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YUMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	280	317	37	36	73
Public Administration Inspectors	151	171	20	16	36
Construction Inspectors	23	26	3	4	7
Postmasters and/or Mail Superintendents	13	15	2	4	6
All Other Managers & Officers	93	105	12	12	24
TOTAL PROFESSIONAL WORKERS	287	330	43	17	60
Agricultural Engineers	1	1	0	0	0
Chemical Engineers	1	1	0	0	0
Civil Engineers	28	32	4	4	8
Electrical & Electronic Engineers	10	12	2	0	2
Mechanical Engineers	32	37	5	0	5
Mining Engineers	1	1	0	0	0
All Other Engineers	28	32	4	0	4
Mathematicians	21	24	3	4	7
All Other Mathematical Scientists	1	1	0	0	0
Chemists	3	3	0	0	0
Geologists & Geophysicists	8	9	1	0	1
Meteorologists	2	2	0	0	0
Agricultural Scientists	6	7	1	0	1
Biological Scientists	8	9	1	0	1
Foresters & Conservation Scientists	6	7	1	0	1
Psychologists	1	1	0	0	0
All Other Social Scientists	1	1	0	0	0
Systems Analysts, EDP	8	9	1	0	1
Teachers, Nonvocational Education	5	6	1	0	1
Photographers	18	21	3	0	3
Purchasing Agents and/or Buyers	20	23	3	4	7
Accountants & Auditors	10	12	2	0	2
Architects (Exclude Landscape Architects)	2	2	0	0	0
Caseworkers	6	7	1	0	1
Dentists	1	1	0	0	0
Writers and/or Editors	2	2	0	0	0
Law Clerks	2	2	0	0	0
Lawyers	1	1	0	0	0
Librarians, Professional	1	1	0	0	0
Nurses, Professional	13	15	2	4	6
Personnel & Labor Relations Specialists	11	13	2	0	2
Pharmacists	2	2	0	0	0
Physicians and/or Surgeons	5	6	1	0	1
Public Relations Practitioners	1	1	0	0	0
Tax Examiners, Collectors, and/or Revenue Agents	4	5	1	0	1
Appraisers, Real Estate	2	2	0	0	0
Group Recreation Workers	4	5	1	0	1
All Other Professional Workers	11	13	2	1	3
TOTAL TECHNICAL WORKERS	279	320	41	20	61
Computer Programmers	3	3	0	0	0
Drafters	6	7	1	0	1
Electrical & Electronic Technicians	56	64	8	4	12
Surveyors	23	26	3	0	3
Broadcast Technicians	8	9	1	0	1
All Other Engineering Technicians	74	85	11	8	19
Physical Science Technicians	10	12	2	0	2
Biological Science Technicians	34	39	5	4	9
Air Traffic Controllers	8	9	1	0	1
Dental Assistants	1	1	0	0	0
Mathematical Technicians	17	19	2	0	2
Physician's Assistants	1	1	0	0	0
Airplane Pilots	3	3	0	0	0
Technical Assistants, Library	2	2	0	0	0
Pharmacy Helpers	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YUMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Medical Records Librarians	1	1	0	0	0
Medical Laboratory Technologists	2	2	0	0	0
All Other Technical Workers	29	33	4	4	8
TOTAL SERVICE WORKERS	116	131	15	0	15
All Other Janitors, Porters, & Cleaners	8	9	1	0	1
Guards & Doorkeepers	11	12	1	0	1
Butchers and/or Meat Cutters	8	9	1	0	1
Waiters/Waitresses	1	1	0	0	0
Cooks, Institution	4	5	1	0	1
Nurse's Aides and/or Orderlies	8	9	1	0	1
Fish & Game Wardens	1	1	0	0	0
Social Service Aides	2	2	0	0	0
Officers, Police	3	3	0	0	0
Detectives, Police	30	34	4	0	4
Fire Fighters	37	42	5	0	5
All Other Service Workers	3	3	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	630	708	78	24	102
Mechanics, Aircraft	1	1	0	0	0
Mechanics, Automotive	26	29	3	0	3
Body Repairers, Automotive	2	2	0	0	0
Mechanics, Diesel	3	3	0	0	0
Electric Tool Repairers	1	1	0	0	0
Gunsmiths	1	1	0	0	0
Mechanics, Engineering Equipment	26	29	3	0	3
Mechanics, Hydroelectric Machinery, Powerhouse, and/or Gas Plant Repairers	4	5	1	0	1
Locksmiths	1	1	0	0	0
Mechanics, Maintenance	29	33	4	3	7
Mechanics, Refrigeration	26	29	3	0	3
Mechanics, Treatment Plant	3	3	0	0	0
Mechanics, Electronics	37	42	5	0	5
All Other Mechanics & Repairers	15	17	2	0	2
Truck Drivers	34	38	4	0	4
Air Hammer Operators	1	1	0	0	0
Cable Splicers	8	9	1	0	1
Carpenters	18	20	2	1	3
Crane, Derrick, & Hoist Operators	11	12	1	0	1
Craters	3	3	0	0	0
Drillers, Machine	1	1	0	0	0
Electricians	21	24	3	0	3
Exterminators	3	3	0	0	0
Supervisors, Nonworking	6	7	1	0	1
Heavy Equipment Operators	21	24	3	0	3
Industrial Truck Operators	18	20	2	0	2
Inspectors	2	2	0	0	0
Telephone Installers, Repairers, and/or Section Maintainers	14	16	2	0	2
Instrument Repairers	11	12	1	0	1
Line Installers-Repairers	16	18	2	0	2
Machinists	6	7	1	0	1
Maintenance Repairers, General Utility	33	37	4	4	8
Painters, Maintenance	5	6	1	0	1
Plumbers and/or Pipefitters	8	9	1	0	1
Production Packagers, Hand or Machine	2	2	0	0	0
Rotary Drill Operators	4	5	1	0	1
Sewage Plant Operators	1	1	0	0	0
Sheet Metal Workers	2	2	0	0	0
Stationary Engineers	3	3	0	0	0
Water Treatment Plant Operators	1	1	0	0	0
Welders & Flamecutters	8	9	1	0	1
Offset Lithographic Press Operators	3	3	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YUMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Camera Operators, Printing	1	1	0	0	0
Fuel Pump Attendants and/or Lubricators	3	3	0	0	0
Stock Clerks, Sales Floor	17	19	2	0	2
Highway Maintenance Workers	1	1	0	0	0
Saw Filers	1	1	0	0	0
Testers	39	44	5	4	9
Loading Machine Operators	18	20	2	4	6
Gardeners & Groundskeepers	1	1	0	0	0
All Other Skilled Craft Workers	3	3	0	0	0
All Other Operatives & Semiskilled Workers	14	16	2	0	2
All Other Laborers & Unskilled Workers	93	105	12	8	20
TOTAL OFFICE CLERICAL WORKERS	393	448	50	81	131
Computer Operators	5	6	1	0	1
Keypunch Operators	8	9	1	0	1
All Other Office Machine Operators	1	1	0	0	0
Stenographers	18	20	2	4	6
Accounting Clerks	41	46	5	8	13
Bookkeepers, Hand	4	5	1	0	1
Cashiers	2	2	0	0	0
Claims Clerks	6	7	1	0	1
General Clerks	88	99	11	21	32
Information Clerks	1	1	0	0	0
Mail Clerks	7	8	1	0	1
Payroll and/or Timekeeping Clerks	8	9	1	0	1
Personnel Clerks	10	11	1	4	5
Procurement Clerks	3	3	0	0	0
Real Estate Clerks	12	14	2	4	6
Receptionists	1	1	0	0	0
Secretaries	19	21	2	4	6
Switchboard Operators	6	7	1	0	1
Messengers	3	3	0	0	0
Travel Clerks	2	2	0	0	0
Typists	106	119	13	32	45
Clerical Supervisors	1	1	0	0	0
Postal Service Clerks	39	44	5	4	9
All Other Office Clerical Workers	7	8	1	0	1
TOTAL PLANT CLERICAL WORKERS	135	151	16	16	32
Production Clerks and/or Coordinators	3	3	0	0	0
Shipping Packers	2	2	0	0	0
Shipping & Receiving Clerks	5	6	1	0	1
Stock Clerks	5	6	1	0	1
Dispatchers, Vehicle Service or Work	3	3	0	0	0
Postal Mail Carriers	73	81	8	4	12
All Other Plant Clerical Workers	44	50	6	12	18
TOTAL SALES WORKERS	8	9	1	0	1
Sales Clerks	8	9	1	0	1
TOTAL ALL OCCUPATIONS	2,133	2,414	281	194	475

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	2,213	6.0	2,572	5.9	647
Public Administration Inspectors	191	0.5	222		53
Construction Inspectors	387	1.0	450		115
Chief Executives & Legislators	482	1.3	560		145
All Other Managers & Officers	1,153	3.1	1,340		334
TOTAL PROFESSIONAL WORKERS	5,123	13.7	6,002	13.8	1,669
Chemical Engineers	1	0.0	1		0
Civil Engineers	229	0.6	268		64
Electrical & Electronic Engineers	7	0.0	8		1
Industrial Engineers	15	0.0	18		3
Mechanical Engineers	4	0.0	5		1
Safety Engineers	5	0.0	6		1
Traffic Engineers	17	0.0	20		4
All Other Engineers	20	0.1	23		3
Chemists	16	0.0	19		3
All Other Physical Scientists	4	0.0	5		1
Agricultural Scientists	4	0.0	5		1
Biological Scientists	4	0.0	5		1
All Other Life Scientists	2	0.0	2		0
Economists	17	0.0	20		3
Psychologists	20	0.1	23		3
Urban & Regional Planners	147	0.4	172		29
All Other Social Scientists	9	0.0	11		2
Systems Analysts, EDP	122	0.3	143		25
Photographers	23	0.1	27		8
Purchasing Agents &/or Buyers	69	0.2	81		20
Accountants & Auditors	310	0.8	363		99
Landscape Architects	44	0.1	52		12
Architects (Exclude Landscape Architects)	9	0.0	11		2
Budget Analysts	30	0.1	35		9
Caseworkers	484	1.3	567		181
Commercial Artists	13	0.0	15		6
Dietitions &/or Nutritionists	40	0.1	47		17
Law Clerks	57	0.2	67		14
Lawyers	431	1.2	505		112
Librarians, Professional	249	0.7	292		107
Nurses, Professional	378	1.0	443		156
Occupational Therapists	2	0.0	2		0
Paralegal Personnel	45	0.1	53		12
Personnel & Labor Relations Specialists	110	0.3	129		32
Physical Therapists	4	0.0	5		1
Physicians &/or Surgeons	13	0.0	15		3
Public Relations Practitioners	27	0.1	32		9
Veterinarians	1	0.0	1		0
Community Organization Workers	52	0.1	61		20
Welfare Investigators	4	0.0	5		1
Judges	74	0.2	87		32
Magistrates	149	0.4	175		63
Tax Examiners, Collectors, &/or Revenue Agents	47	0.1	55		16
Assessors	154	0.4	180		69
All Other Therapists	1	0.0	1		0
Group Recreation Workers	1,044	2.8	1,223		332
Manual Arts, Music, &/or Recreational Therapists	5	0.0	6		1
Speech Pathologists &/or Audiologists	3	0.0	4		1
All Other Professional Workers	608	1.6	712		196
TOTAL TECHNICAL WORKERS	1,211	3.3	1,419	3.3	361
Computer Programmers	90	0.2	105		19
Drafters	204	0.5	239		50
Electrical & Electronic Technicians	41	0.1	48		8
Surveyors	70	0.2	82		16

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Traffic Technicians	24	0.1	28		8
Civil Engineering Technicians	192	0.5	225		49
All Other Engineering Technicians	67	0.2	79		17
Science Technicians	19	0.1	22		3
Licensed Practical Nurses	108	0.3	127		50
Physician's Assistants	5	0.0	6		1
Radio Operators	10	0.0	12		2
Technical Assistants, Library	178	0.5	209		79
Medical & Dental Technicians & Technologists	60	0.2	70		23
All Other Technical Workers	143	0.4	168		37
TOTAL SERVICE WORKERS	9,827	26.4	11,464	26.4	2,469
Janitors, Porters, & Cleaners	531	1.4	619		173
Guards & Doorkeepers	70	0.2	82		16
Kitchen Helpers	43	0.1	50		15
Cooks, Institution	58	0.2	68		21
All Other Food Service Workers	5	0.0	6		1
Supervisors, Nonworking Service	117	0.3	136		27
Nurse's Aides &/or Orderlies	195	0.5	227		80
Recreation Facility Attendants	565	1.5	659		176
Ushers, Lobby Attendants, Ticket Takers, &/or Drive-In Theater Attendants	22	0.1	26		8
Forest Conservation Workers	2	0.0	2		0
Fish & Game Wardens	2	0.0	2		0
Child-Care Workers	55	0.1	64		27
Social Service Aides	186	0.5	217		69
Officers, Police	859	2.3	1,002		181
Detectives, Police	713	1.9	832		150
Police Patrolmen/women	2,648	7.1	3,089		555
Parking Enforcement Officers	70	0.2	82		16
Correction Officers &/or Jailers	315	0.8	367		112
Sheriffs	616	1.7	719		140
Bailiffs	82	0.2	96		18
Fire Inspectors	52	0.1	61		13
Fire Fighters	1,523	4.1	1,777		318
Officers, Fire	442	1.2	516		93
All Other Service Workers	656	1.8	765		260
TOTAL MAINTENANCE & PRODUCTION WORKERS	10,845	29.1	12,572	29.0	2,660
Mechanics, Automotive	372	1.0	431		83
Mechanics, Automotive, Apprentice	7	0.0	8		1
Mechanics, Diesel	126	0.3	146		28
Electric Meter Installers	7	0.0	8		1
Electric Meter Installers, Apprentice	1	0.0	1		0
Gas Meter Installers	57	0.2	66		13
Mechanics, Engineering Equipment	140	0.4	162		30
Mechanics, Engineering Equipment, Apprentice	4	0.0	5		1
Mechanics, Hydroelectric Machinery, Powerhouse, &/or Gas Plant Repairers	13	0.0	15		2
Mechanics, Maintenance	84	0.2	97		19
Mechanics, Radio	52	0.2	60		12
Mechanics, Radio, Apprentice	5	0.0	6		1
Mechanics, Treatment Plant	88	0.2	102		21
Water Meter Installers	228	0.6	264		45
All Other Mechanics & Repairers	66	0.2	77		15
Truck Drivers	444	1.2	515		95
Bricklayers	2	0.0	2		0
Bus Drivers	58	0.2	67		17
Carpenters	53	0.2	61		12
Carpenters, Apprentice	11	0.0	13		2
Cement Masons	18	0.0	21		3

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Compositors &/or Typesetters	3	0.0	3		0
Crane, Derrick, & Hoist Operators	3	0.0	3		0
Electricians	81	0.2	94		19
Electricians, Apprentice	8	0.0	9		1
Supervisors, Nonworking	329	0.9	381		78
Heavy Equipment Operators	829	2.2	961		188
Heavy Equipment Operators, Apprentice	11	0.0	13		2
Industrial Truck Operators	31	0.1	36		9
Instrument Repairers	101	0.3	117		24
Line Installers-Repairers	35	0.1	41		6
Line Installers-Repairers, Apprentice	9	0.0	10		1
Machinists	2	0.0	2		0
Maintenance Repairers, General Utility	522	1.4	605		121
Helpers, Trades	160	0.4	185		41
Painters, Maintenance	58	0.2	67		17
Pipelayers	4	0.0	5		
Plumbers &/or Pipefitters	71	0.2	82		15
Press Operators &/or Plate Printers	25	0.1	29		4
Press Operators &/or Plate Printers, Apprentice	1	0.0	1		0
Refuse Collectors	914	2.5	1,060		190
Sewage Plant Operators	217	0.6	252		46
Stationary Engineers	66	0.2	77		19
Stationary Engineers, Apprentice	4	0.0	5		1
Streetlight Repairers & Servicers	7	0.0	8		1
Animal Caretakers	114	0.3	132		40
Watershed Tenders	46	0.1	53		11
Water Treatment Plant Operators	100	0.3	116		24
Pump Station Operators, Waterworks	35	0.1	41		10
Welders & Flamecutters	50	0.1	58		12
Fuel Pump Attendants &/or Lubricators	127	0.3	147		32
Highway Maintenance Workers	879	2.4	1,019		224
Surveyor Helpers	80	0.2	93		21
Gardeners & Groundskeepers	842	2.3	976		270
Bus Drivers, School	20	0.1	23		7
Ambulance Drivers &/or Attendants	48	0.1	56		12
All Other Skilled Craft Workers	473	1.3	548		109
All Other Operatives & Semiskilled Workers	768	2.1	890		206
All Other Laborers & Unskilled Workers	1,936	5.2	2,244		494
TOTAL OFFICE CLERICAL WORKERS	7,110	19.1	8,258	19.0	2,995
Bookkeeping &/or Billing Machine Operators	20	0.1	23		7
Computer Operators	121	0.3	141		34
Keypunch Operators	184	0.5	214		80
Duplicating Machine Operators	34	0.1	39		13
All Other Office Machine Operators	46	0.1	53		21
Stenographers	147	0.4	171		62
Accounting Clerks	696	1.9	808		276
Bookkeepers, Hand	68	0.2	79		27
Cashiers	142	0.4	165		57
File Clerks	434	1.2	504		207
General Clerks	865	2.3	1,005		356
Library Assistants	265	0.7	308		116
Mail Clerks	44	0.1	51		15
Payroll &/or Timekeeping Clerks	44	0.1	51		15
Personnel Clerks	67	0.2	78		32
Procurement Clerks	16	0.0	19		3
Receptionists	39	0.1	45		18
Secretaries	962	2.6	1,117		425
Statistical Clerks	20	0.1	23		7
Switchboard Operators	55	0.1	64		26
Switchboard Operators/Receptionists	35	0.1	41		18
Messengers	16	0.0	19		6

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

STATEWIDE

	Estimated 1979 Employment	Percent of Total 1979 Employment	Projected 1983 Employment	Percent of Total 1983 Employment	Total Job Openings 1979-1983
Typists	1,344	3.6	1,561		629
Clerical Supervisors	286	0.8	332		81
Eligibility Workers, Welfare	21	0.1	24		7
Court Clerks	309	0.8	359		126
Town Clerks	71	0.2	82		19
License Clerks	109	0.3	127		45
All Other Office Clerical Workers	650	1.7	755		267
TOTAL PLANT CLERICAL WORKERS	913	2.5	1,060	2.4	249
Meter Readers, Utilities	137	0.4	159		30
Production Clerks &/or Coordinators	8	0.0	9		1
Weighers, Record-Keeping	10	0.0	12		2
Stock Clerks	147	0.4	171		40
Dispatchers, Vehicle, Service or Work	42	0.1	49		11
Dispatchers, Police, Fire, & Ambulance	558	1.5	648		160
All Other Plant Clerical Workers	11	0.0	13		6
TOTAL SALES WORKERS	17	0.0	20	0.0	5
Sales Representatives	17	0.0	20		5
TOTAL ALL OCCUPATIONS	37,259	100.0	43,367	100.0	11,055

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

APACHE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	29	39	10	4	14
Public Administration Inspectors	1	1	0	0	0
Construction Inspectors	2	3	1	0	1
Chief Executives & Legislators	8	11	3	0	3
All Other Managers & Officers	18	24	6	4	10
TOTAL PROFESSIONAL WORKERS	20	27	7	1	8
Accountants & Auditors	1	1	0	0	0
Caseworkers	2	3	1	0	1
Dietitions &/or Nutritionists	2	3	1	0	1
Lawyers	3	4	1	0	1
Librarians, Professional	3	4	1	0	1
Nurses, Professional	2	3	1	0	1
Judges	1	1	0	0	0
Magistrates	5	7	2	1	3
Assessors	1	1	0	0	0
TOTAL SERVICE WORKERS	44	60	16	0	16
Janitors, Porters, & Cleaners	3	4	1	0	1
Kitchen Helpers	2	3	1	0	1
Supervisors, Nonworking Service	1	1	0	0	0
Officers, Police	2	3	1	0	1
Detectives, Police	1	1	0	0	0
Police Patrolmen/women	7	10	3	0	3
Correction Officers &/or Jailers	4	5	1	0	1
Sheriffs	3	4	1	0	1
Fire Fighters	20	27	7	0	7
All Other Service Workers	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	66	89	23	3	26
Mechanics, Diesel	1	1	0	0	0
Truck Drivers	9	12	3	0	3
Bus Drivers	1	1	0	0	0
Carpenters	2	3	1	0	1
Supervisors, Nonworking	5	7	2	0	2
Heavy Equipment Operators	11	15	4	0	4
Maintenance Repairers, General Utility	1	1	0	0	0
Refuse Collectors	2	3	1	0	1
Sewage Plant Operators	1	1	0	0	0
Water Treatment Plant Operators	3	4	1	0	1
Highway Maintenance Workers	19	26	7	3	10
Gardeners & Groundskeepers	4	5	1	0	1
Ambulance Drivers &/or Attendants	3	4	1	0	1
All Other Operatives & Semiskilled Workers	1	1	0	0	0
All Other Laborers & Unskilled Workers	3	4	1	0	1
TOTAL OFFICE CLERICAL WORKERS	52	71	19	8	27
Computer Operators	2	3	1	0	1
Stenographers	1	1	0	0	0
Accounting Clerks	1	1	0	0	0
Bookkeepers, Hand	5	7	2	0	2
Cashiers	1	1	0	0	0
General Clerks	4	5	1	0	1
Library Assistants	1	1	0	0	0
Secretaries	13	18	5	4	9
Switchboard Operators/Receptionists	2	3	1	0	1
Typists	12	16	4	4	8
Clerical Supervisors	6	8	2	0	2
Eligibility Workers, Welfare	1	1	0	0	0
Court Clerks	1	1	0	0	0
Town Clerks	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

APACHE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
All Other Office Clerical Workers	1	1	0	0	0
TOTAL PLANT CLERICAL WORKERS	4	6	2	0	2
Dispatchers, Police, Fire, & Ambulance	4	6	2	0	2
TOTAL ALL OCCUPATIONS	215	292	77	16	93

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

COCHISE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	130	160	30	15	45
Public Administration Inspectors	11	14	3	0	3
Construction Inspectors	9	11	2	0	2
Chief Executives & Legislators	65	80	15	9	24
All Other Managers & Officers	45	55	10	6	16
TOTAL PROFESSIONAL WORKERS	189	234	45	28	73
Civil Engineers	5	6	1	0	1
Industrial Engineers	1	1	0	0	0
Psychologists	3	4	1	0	1
Urban & Regional Planners	4	5	1	0	1
Systems Analysts, EDP	7	9	2	0	2
Purchasing Agents &/or Buyers	1	1	0	0	0
Accountants & Auditors	10	12	2	0	2
Budget Analysts	1	1	0	0	0
Caseworkers	3	4	1	0	1
Law Clerks	8	10	2	0	2
Lawyers	18	22	4	0	4
Librarians, Professional	10	12	2	4	6
Nurses, Professional	14	17	3	4	7
Personnel & Labor Relations Specialists	2	2	0	0	0
Physicians &/or Surgeons	1	1	0	0	0
Community Organization Workers	1	1	0	0	0
Judges	3	4	1	0	1
Magistrates	18	22	4	4	8
Tax Examiners, Collectors, &/or Revenue Agents	1	1	0	0	0
Assessors	8	10	2	4	6
Group Recreation Workers	49	61	12	8	20
Manual Arts, Music, &/or Recreational Therapists	3	4	1	0	1
Speech Pathologists &/or Audiologists	1	1	0	0	0
All Other Professional Workers	17	21	4	4	8
TOTAL TECHNICAL WORKERS	34	42	8	0	8
Computer Programmers	2	2	0	0	0
Drafters	7	9	2	0	2
Surveyors	3	4	1	0	1
Traffic Technicians	2	2	0	0	0
Licensed Practical Nurses	4	5	1	0	1
Physician's Assistants	5	6	1	0	1
Radio Operators	6	7	1	0	1
Technical Assistants, Library	4	5	1	0	1
Medical & Dental Technicians & Technologists	1	1	0	0	0
TOTAL SERVICE WORKERS	265	326	61	19	80
Janitors, Porters, & Cleaners	15	18	3	4	7
Guards & Doorkeepers	5	6	1	0	1
Kitchen Helpers	1	1	0	0	0
Cooks, Institution	1	1	0	0	0
All Other Food Service Workers	1	1	0	0	0
Recreation Facility Attendants	8	10	2	0	2
Officers, Police	17	21	4	0	4
Detectives, Police	16	20	4	0	4
Police Patrolmen/women	67	82	15	4	19
Parking Enforcement Officers	1	1	0	0	0
Correction Officers &/or Jailers	8	10	2	1	3
Sheriffs	52	64	12	4	16
Bailiffs	3	4	1	0	1
Fire Inspectors	1	1	0	0	0
Fire Fighters	53	65	12	4	16
Officers, Fire	9	11	2	0	2
All Other Service Workers	7	9	2	2	4

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

COCHISE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MAINTENANCE & PRODUCTION WORKERS	310	379	69	16	85
Mechanics, Automotive	9	11	2	0	2
Mechanics, Automotive, Apprentice	1	1	0	0	0
Mechanics, Engineering Equipment	5	6	1	0	1
Mechanics, Maintenance	2	2	0	0	0
Mechanics, Radio	1	1	0	0	0
Mechanics, Treatment Plant	5	6	1	0	1
Water Meter Installers	5	6	1	0	1
Truck Drivers	25	31	6	0	6
Supervisors, Nonworking	8	10	2	0	2
Heavy Equipment Operators	33	41	8	4	12
Maintenance Repairers, General Utility	74	91	17	4	21
Helpers, Trades	1	1	0	0	0
Plumbers &/or Pipefitters	1	1	0	0	0
Refuse Collectors	30	37	7	0	7
Sewage Plant Operators	8	10	2	0	2
Animal Caretakers	4	5	1	0	1
Water Treatment Plant Operators	4	5	1	0	1
Fuel Pump Attendants &/or Lubricators	4	5	1	0	1
Highway Maintenance Workers	56	68	12	4	16
Surveyor Helpers	1	1	0	0	0
Gardeners & Groundskeepers	29	35	6	4	10
Ambulance Drivers &/or Attendants	1	1	0	0	0
All Other Operatives & Semiskilled Workers	3	4	1	0	1
TOTAL OFFICE CLERICAL WORKERS	221	271	50	55	105
Bookkeeping &/or Billing Machine Operators	7	9	2	2	4
Computer Operators	2	2	0	0	0
Stenographers	5	6	1	0	1
Accounting Clerks	22	27	5	4	9
Bookkeepers, Hand	12	15	3	4	7
Cashiers	1	1	0	0	0
File Clerks	19	23	4	6	10
General Clerks	31	38	7	8	15
Library Assistants	5	6	1	0	1
Payroll &/or Timekeeping Clerks	12	15	3	4	7
Personnel Clerks	2	2	0	0	0
Procurement Clerks	3	4	1	0	1
Receptionists	2	2	0	0	0
Secretaries	37	45	8	11	19
Statistical Clerks	2	2	0	0	0
Typists	25	31	6	8	14
Clerical Supervisors	3	4	1	0	1
Court Clerks	26	32	6	8	14
Town Clerks	3	4	1	0	1
License Clerks	2	2	0	0	0
TOTAL PLANT CLERICAL WORKERS	51	62	11	4	15
Meter Readers, Utilities	7	9	2	0	2
Dispatchers, Vehicle, Service or Work	1	1	0	0	0
Dispatchers, Police, Fire, & Ambulance	43	52	9	4	13
TOTAL ALL OCCUPATIONS	1,200	1,474	274	137	411

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

COCONINO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	131	165	34	17	51
Public Administration Inspectors	7	8	1	0	1
Construction Inspectors	19	24	5	4	9
Chief Executives & Legislators	37	47	10	5	15
All Other Managers & Officers	68	86	18	8	26
TOTAL PROFESSIONAL WORKERS	214	271	57	35	92
Civil Engineers	13	16	3	0	3
Traffic Engineers	1	1	0	0	0
Economists	2	3	1	0	1
Urban & Regional Planners	9	11	2	0	2
Systems Analysts, EDP	3	4	1	0	1
Purchasing Agents &/or Buyers	2	3	1	0	1
Accountants & Auditors	6	8	2	0	2
Budget Analysts	2	3	1	0	1
Caseworkers	22	28	6	4	10
Commercial Artists	3	4	1	0	1
Dietitions &/or Nutritionists	1	1	0	0	0
Lawyers	9	11	2	0	2
Librarians, Professional	12	15	3	4	7
Nurses, Professional	18	23	5	4	9
Paralegal Personnel	3	4	1	0	1
Personnel & Labor Relations Specialists	7	9	2	0	2
Public Relations Practitioners	3	4	1	0	1
Community Organization Workers	9	11	2	3	5
Welfare Investigators	2	3	1	0	1
Judges	2	3	1	0	1
Magistrates	11	14	3	4	7
Tax Examiners, Collectors, &/or Revenue Agents	2	3	1	0	1
Assessors	7	9	2	4	6
Group Recreation Workers	44	56	12	8	20
Manual Arts, Music, &/or Recreational Therapists	2	3	1	0	1
All Other Professional Workers	19	24	5	4	9
TOTAL TECHNICAL WORKERS	30	38	8	7	15
Computer Programmers	1	1	0	0	0
Drafters	9	11	2	0	2
Surveyors	3	4	1	4	5
Civil Engineering Technicians	7	9	2	0	2
Licensed Practical Nurses	1	1	0	0	0
Technical Assistants, Library	7	9	2	3	5
Medical & Dental Technicians & Technologists	1	1	0	0	0
All Other Technical Workers	1	1	0	0	0
TOTAL SERVICE WORKERS	272	344	72	20	92
Janitors, Porters, & Cleaners	19	24	5	4	9
Guards & Doorkeepers	5	6	1	0	1
Cooks, Institution	5	6	1	0	1
Supervisors, Nonworking Service	3	4	1	0	1
Nurse's Aides &/or Orderlies	15	19	4	4	8
Recreation Facility Attendants	7	9	2	0	2
Forest Conservation Workers	2	3	1	0	1
Child-Care Workers	2	3	1	0	1
Social Service Aides	10	13	3	4	7
Officers, Police	36	45	9	0	9
Detectives, Police	10	13	3	0	3
Police Patrolmen/women	86	109	23	4	27
Parking Enforcement Officers	1	2	1	0	1
Corrections Officers &/or Jailers	19	24	5	4	9
Sheriffs	3	4	1	0	1

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

COCONINO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Bailiffs	2	3	1	0	1
Fire Inspectors	1	2	1	0	1
Fire Fighters	35	44	9	0	9
Officers, Fire	4	5	1	0	1
All Other Service Workers	7	8	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	325	408	83	18	101
Mechanics, Automotive	5	6	1	0	1
Mechanics, Diesel	9	11	2	0	2
Mechanics, Engineering Equipment	7	9	2	0	2
Mechanics, Engineering Equipment, Apprentice	3	4	1	0	1
Mechanics, Maintenance	1	1	0	0	0
Mechanics, Treatment Plant	1	1	0	0	0
Water Meter Installers	3	4	1	0	1
All Other Mechanics & Repairers	2	3	1	0	1
Truck Drivers	9	11	2	0	2
Bus Drivers	4	5	1	0	1
Carpenters	2	3	1	0	1
Electricians	2	3	1	0	1
Supervisors, Nonworking	30	38	8	4	12
Heavy Equipment Operators	50	63	13	4	17
Maintenance Repairers, General Utility	62	78	16	4	20
Helpers, Trades	17	21	4	0	4
Plumbers &/or Pipefitters	3	4	1	0	1
Refuse Collectors	14	18	4	0	4
Sewage Plant Operators	14	18	4	0	4
Animal Caretakers	2	3	1	0	1
Water Treatment Plant Operators	8	10	2	0	2
Highway Maintenance Workers	10	13	3	0	3
Surveyor Helpers	4	5	1	0	1
Gardeners & Groundskeepers	5	6	1	0	1
All Other Skilled Craft Workers	11	14	3	0	3
All Other Operatives & Semiskilled Workers	18	23	5	2	7
All Other Laborers & Unskilled Workers	29	37	8	4	12
TOTAL OFFICE CLERICAL WORKERS	251	316	65	53	118
Computer Operators	3	4	1	0	1
Keypunch Operators	3	4	1	0	1
Stenographers	14	18	4	4	8
Accounting Clerks	20	25	5	4	9
Bookkeepers, Hand	14	18	4	4	8
Cashiers	2	3	1	0	1
File Clerks	5	6	1	0	1
General Clerks	32	40	8	8	16
Library Assistants	18	23	5	4	9
Mail Clerks	5	6	1	0	1
Payroll &/or Timekeeping Clerks	3	4	1	0	1
Personnel Clerks	1	1	0	0	0
Receptionists	2	3	1	0	1
Secretaries	24	30	6	8	14
Statistical Clerks	2	3	1	0	1
Switchboard Operators/Receptionists	2	3	1	0	1
Messengers	1	1	0	0	0
Typists	53	67	14	17	31
Clerical Supervisors	9	11	2	0	2
Court Clerks	18	23	5	4	9
Town Clerks	8	10	2	0	2
License Clerks	11	14	3	0	3
All Other Office Clerical Workers	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

COCONINO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL PLANT CLERICAL WORKERS	56	70	14	6	20
Meter Readers, Utilities	8	10	2	0	2
Stock Clerks	2	3	1	0	1
Dispatchers, Police, Fire, & Ambulance	46	57	11	6	17
TOTAL ALL OCCUPATIONS	1,279	1,612	333	156	489

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

OTLA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	69	75	6	8	14
Public Administration Inspectors	8	9	1	0	1
Construction Inspectors	5	5	0	0	0
Chief Executives & Legislators	27	29	2	4	6
All Other Managers & Officers	29	32	3	4	7
TOTAL PROFESSIONAL WORKERS	47	52	5	0	5
Civil Engineers	4	4	0	0	0
All Other Engineers	1	1	0	0	0
Budget Analysts	2	2	0	0	0
Caseworkers	7	8	1	0	1
Lawyers	9	10	1	0	1
Librarians, Professional	1	1	0	0	0
Nurses, Professional	2	2	0	0	0
Physicians &/or Surgeons	2	2	0	0	0
Judges	7	8	1	0	1
Magistrates	8	9	1	0	1
Tax Examiners, Collectors, &/or Revenue Agents	1	1	0	0	0
Assessors	3	3	0	0	0
TOTAL TECHNICAL WORKERS	2	2	0	0	0
Drafters	1	1	0	0	0
Science Technicians	1	1	0	0	0
TOTAL SERVICE WORKERS	142	155	13	4	17
Janitors, Porters, & Cleaners	17	19	2	4	6
Supervisors, Nonworking Service	1	1	0	0	0
Social Service Aides	2	2	0	0	0
Officers, Police	9	10	1	0	1
Detectives, Police	2	2	0	0	0
Police Patrolmen/women	25	27	2	0	2
Correction Officers &/or Jailers	4	4	0	0	0
Sheriffs	31	34	3	0	3
Bailiffs	2	2	0	0	0
Fire Inspectors	1	1	0	0	0
Fire Fighters	46	50	4	0	4
Officers, Fire	1	1	0	0	0
All Other Service Workers	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	201	218	17	9	26
Mechanics, Automotive	8	9	1	0	1
Mechanics, Diesel	2	2	0	0	0
Mechanics, Maintenance	5	5	0	0	0
Mechanics, Radio	2	2	0	0	0
Water Meter Installers	3	3	0	0	0
All Other Mechanics & Repairers	1	1	0	0	0
Truck Drivers	17	18	1	0	1
Supervisors, Nonworking	8	9	1	0	1
Heavy Equipment Operators	30	33	3	1	4
Maintenance Repairers, General Utility	3	3	0	0	0
Refuse Collectors	19	21	2	0	2
Sewage Plant Operators	9	10	1	0	1
Animal Caretakers	4	4	0	0	0
Water Treatment Plant Operators	1	1	0	0	0
Pump Station Operators, Waterworks	3	3	0	0	0
Welders & Flamecutters	2	2	0	0	0
Fuel Pump Attendants &/or Lubricators	2	2	0	0	0
Highway Maintenance Workers	37	40	3	4	7
Gardeners & Groundskeepers	9	10	1	0	1
All Other Skilled Craft Workers	1	1	0	0	0
All Other Operatives & Semiskilled Workers	1	1	0	0	0
All Other Laborers & Unskilled Workers	34	37	3	4	7

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

GILA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL OFFICE CLERICAL WORKERS	109	118	9	20	29
Computer Operators	1	1	0	0	0
Stenographers	2	2	0	0	0
Accounting Clerks	8	9	1	0	1
Bookkeepers, Hand	3	3	0	0	0
Cashiers	1	1	0	0	0
File Clerks	10	11	1	4	5
General Clerks	18	19	1	4	5
Library Assistants	2	2	0	0	0
Mail Clerks	1	1	0	0	0
Payroll &/or Timekeeping Clerks	2	2	0	0	0
Personnel Clerks	1	1	0	0	0
Procurement Clerks	2	2	0	0	0
Receptionists	7	8	1	0	1
Secretaries	17	18	1	4	5
Switchboard Operators/Receptionists	1	1	0	0	0
Typists	21	23	2	8	10
Eligibility Workers, Welfare	1	1	0	0	0
Court Clerks	7	8	1	0	1
Town Clerks	4	4	0	0	0
TOTAL PLANT CLERICAL WORKERS	43	47	4	4	8
Meter Readers, Utilities	1	1	0	0	0
Stock Clerks	1	1	0	0	0
Dispatchers, Police, Fire, & Ambulance	41	45	4	4	8
TOTAL ALL OCCUPATIONS	613	667	54	45	99

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

GRAHAM COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	22	30	8	0	8
Public Administration Inspectors	4	5	1	0	1
Chief Executives & Legislators	7	9	2	0	2
All Other Managers & Officers	11	15	4	0	4
TOTAL PROFESSIONAL WORKERS	27	38	11	2	13
Civil Engineers	1	1	0	0	0
Urban & Regional Planners	1	1	0	0	0
Accountants & Auditors	2	3	1	0	1
Caseworkers	3	4	1	0	1
Dietitions &/or Nutritionists	2	3	1	0	1
Lawyers	3	4	1	0	1
Nurses, Professional	2	3	1	0	1
Judges	1	1	0	0	0
Magistrates	6	8	2	2	4
Tax Examiners, Collectors, &/or Revenue Agents	2	3	1	0	1
Assessors	3	4	1	0	1
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	11	15	4	0	4
Computer Programmers	1	1	0	0	0
Drafters	5	7	2	0	2
Surveyors	2	3	1	0	1
Civil Engineering Technicians	2	3	1	0	1
All Other Engineering Technicians	1	1	0	0	0
TOTAL SERVICE WORKERS	26	36	10	0	10
Janitors, Porters, & Cleaners	1	1	0	0	0
Cooks, Institution	1	1	0	0	0
Recreation Facility Attendants	4	6	2	0	2
Officers, Police	1	1	0	0	0
Police Patrolmen/women	7	10	3	0	3
Correction Officers &/or Jailers	2	3	1	0	1
Sheriffs	9	12	3	0	3
Bailiffs	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	153	210	57	1	58
Mechanics, Automotive	7	10	3	0	3
Mechanics, Diesel	3	4	1	0	1
Electric Meter Installers	2	3	1	0	1
Gas Meter Installers	1	1	0	0	0
Mechanics, Maintenance	4	5	1	0	1
Water Meter Installers	2	3	1	0	1
Truck Drivers	3	4	1	0	1
Electricians	2	3	1	0	1
Supervisors, Nonworking	4	5	1	0	1
Heavy Equipment Operators	15	21	6	0	6
Instrument Repairers	3	4	1	0	1
Line Installers-Repairers	8	11	3	0	3
Maintenance Repairers, General Utility	17	23	6	0	6
Helpers, Trades	16	22	6	1	7
Painters, Maintenance	3	4	1	0	1
Plumbers &/or Pipefitters	18	25	7	0	7
Refuse Collectors	4	5	1	0	1
Sewage Plant Operators	5	7	2	0	2
Stationary Engineers	11	15	4	0	4
Welders & Flamecutters	2	3	1	0	1
Fuel Pump Attendants &/or Lubricators	3	4	1	0	1
Highway Maintenance Workers	11	15	4	0	4
Surveyor Helpers	5	7	2	0	2
Gardeners & Groundskeepers	4	5	1	0	1

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

GRAHAM COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL OFFICE CLERICAL WORKERS	51	70	19	5	24
Computer Operators	4	6	2	0	2
Stenographers	5	7	2	1	3
Accounting Clerks	3	4	1	0	1
Cashiers	5	6	1	0	1
General Clerks	14	19	5	4	9
Payroll &/or Timekeeping Clerks	2	3	1	0	1
Procurement Clerks	1	1	0	0	0
Secretaries	3	4	1	0	1
Typists	3	4	1	0	1
Clerical Supervisors	5	7	2	0	2
Town Clerks	4	6	2	0	2
License Clerks	1	1	0	0	0
All Other Office Clerical Workers	1	1	0	0	0
TOTAL PLANT CLERICAL WORKERS	13	18	5	0	5
Meter Readers, Utilities	6	8	2	0	2
Stock Clerks	5	7	2	0	2
Dispatchers, Police, Fire, & Ambulance	2	3	1	0	1
TOTAL ALL OCCUPATIONS	303	417	114	8	122

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

GREENLEE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	18	23	5	0	5
Public Administration Inspectors	2	3	1	0	1
Construction Inspectors	1	1	0	0	0
Chief Executives & Legislators	10	13	3	0	3
All Other Managers & Officers	5	6	1	0	1
TOTAL PROFESSIONAL WORKERS	17	22	5	0	5
Civil Engineers	1	1	0	0	0
Caseworkers	2	3	1	0	1
Dietitions &/or Nutritionists	1	1	0	0	0
Lawyers	2	3	1	0	1
Nurses, Professional	2	3	1	0	1
Judges	1	1	0	0	0
Magistrates	5	6	1	0	1
Tax Examiners, Collectors, &/or Revenue Agents	2	3	1	0	1
Assessors	1	1	0	0	0
TOTAL TECHNICAL WORKERS	3	4	1	0	1
Computer Programmers	1	1	0	0	0
Licensed Practical Nurses	2	4	2	0	2
TOTAL SERVICE WORKERS	39	50	11	0	11
Janitors, Porters, & Cleaners	4	5	1	0	1
Officers, Police	2	3	1	0	1
Police Patrolmen/women	16	21	5	0	5
Correction Officers &/or Jailers	2	3	1	0	1
Sheriffs	1	1	0	0	0
Fire Fighters	13	17	4	0	4
All Other Service Workers	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	54	69	15	0	15
Mechanics, Automotive	2	3	1	0	1
Mechanics, Maintenance	2	3	1	0	1
Truck Drivers	9	11	2	0	2
Bus Drivers	1	1	0	0	0
Supervisors, Nonworking	1	1	0	0	0
Heavy Equipment Operators	9	11	2	0	2
Heavy Equipment Operators, Apprentice	2	3	1	0	1
Maintenance Repairers, General Utility	5	6	1	0	1
Refuse Collectors	2	3	1	0	1
Highway Maintenance Workers	12	15	3	0	3
Gardeners & Groundskeepers	2	3	1	0	1
All Other Laborers & Unskilled Workers	7	9	2	0	2
TOTAL OFFICE CLERICAL WORKERS	32	41	9	8	17
Keypunch Operators	2	3	1	0	1
All Other Office Machine Operators	2	3	1	0	1
Cashiers	1	1	0	0	0
General Clerks	1	1	0	0	0
Receptionists	2	3	1	0	1
Secretaries	7	9	2	4	6
Typists	10	13	3	4	7
Clerical Supervisors	3	4	1	0	1
Court Clerks	2	3	1	0	1
Town Clerks	2	3	1	0	1
TOTAL PLANT CLERICAL WORKERS	6	8	2	0	2
Stock Clerks	1	1	0	0	0
Dispatchers, Police, Fire, & Ambulance	5	7	2	0	2
TOTAL ALL OCCUPATIONS	169	217	48	8	56

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	1,031	1,163	132	128	260
Public Administration Inspectors	79	89	10	8	18
Construction Inspectors	238	268	30	32	62
Chief Executives & Legislators	156	176	20	20	40
All Other Managers & Officers	558	629	71	68	139
TOTAL PROFESSIONAL WORKERS	2,570	2,921	351	370	721
Civil Engineers	118	134	16	12	28
Electrical & Electronic Engineers	6	7	1	0	1
Industrial Engineers	1	1	0	0	0
Mechanical Engineers	4	5	1	0	1
Traffic Engineers	12	14	2	0	2
All Other Engineers	14	16	2	0	2
Chemists	13	15	2	0	2
Agricultural Scientists	2	2	0	0	0
All Other Life Scientists	2	2	0	0	0
Economists	12	14	2	0	2
Psychologists	13	15	2	0	2
Urban & Regional Planners	76	86	10	4	14
All Other Social Scientists	8	9	1	0	1
Systems Analysts, EDP	95	108	13	4	17
Photographers	9	10	1	0	1
Purchasing Agents &/or Buyers	43	49	6	4	10
Accountants & Auditors	156	177	21	23	44
Landscape Architects	24	27	3	4	7
Architects (Exclude Landscape Architects)	2	2	0	2	2
Budget Analysts	18	20	2	4	6
Caseworkers	308	350	42	62	104
Commercial Artists	5	6	1	0	1
Law Clerks	24	27	3	4	7
Lawyers	247	281	34	22	56
Librarians, Professional	104	118	14	27	41
Nurses, Professional	3	3	0	0	0
Paralegal Personnel	8	9	1	0	1
Personnel & Labor Relations Specialists	65	74	9	8	17
Physicians &/or Surgeons	2	2	0	0	0
Public Relations Practitioners	21	24	3	4	7
Community Organization Workers	33	38	5	8	13
Judges	21	24	3	4	7
Magistrates	34	39	5	8	13
Tax Examiners, Collectors, & Revenue Agents	12	14	2	1	3
Assessors	85	97	12	24	36
Group Recreation Workers	633	719	86	91	177
All Other Professional Workers	337	383	46	50	96
TOTAL TECHNICAL WORKERS	528	600	72	45	117
Computer Programmers	50	57	7	4	11
Drafters	78	89	11	4	15
Electrical & Electronic Technicians	8	9	1	0	1
Surveyors	40	45	5	0	5
Traffic Technicians	21	24	3	0	3
Civil Engineering Technicians	129	147	18	12	30
All Other Engineering Technicians	62	70	8	4	12
Technical Assistants, Library	51	58	7	13	20
Medical & Dental Technicians & Technologists	1	1	0	0	0
All Other Technical Workers	88	100	12	8	20
TOTAL SERVICE WORKERS	5,401	6,112	711	436	1,147
Janitors, Porters, & Cleaners	263	298	35	41	76
Guards & Doorkeepers	53	60	7	4	11
Kitchen Helpers	4	5	1	0	1

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Cooks, Institution	23	26	3	4	7
Supervisors, Nonworking Service	64	72	8	4	12
Recreation Facility Attendants	241	273	32	34	66
Ushers, Lobby Attendants, Ticket Takers, &/or Drive-In Theater Attendants	22	24	2	4	6
Social Service Aides	163	184	21	32	53
Officers, Police	476	539	63	20	83
Detectives, Police	635	719	84	27	111
Police Patrolmen/women	1,227	1,389	162	51	213
Parking Enforcement Officers	66	75	9	4	13
Correction Officers &/or Jailers	121	137	16	22	38
Sheriffs	417	472	55	24	79
Bailiffs	46	52	6	4	10
Fire Inspectors	34	38	4	0	4
Fire Fighters	748	846	98	31	129
Officers, Fire	268	303	35	12	47
All Other Service Workers	530	600	70	118	188
TOTAL MAINTENANCE & PRODUCTION WORKERS	6,380	7,174	794	543	1,337
Mechanics, Automotive	190	214	24	12	36
Mechanics, Diesel	94	106	12	6	18
Electric Meter Installers	2	2	0	0	0
Gas Meter Installers	56	63	7	4	11
Mechanics, Engineering Equipment	59	66	7	4	11
Mechanics, Hydroelectric Machinery, Powerhouse, &/or Gas Plant Repairers	12	13	1	0	1
Mechanics, Maintenance	4	4	0	0	0
Mechanics, Radio	38	43	5	4	9
Mechanics, Radio, Apprentice	5	6	1	0	1
Mechanics, Treatment Plant	58	65	7	4	11
Water Meter Installers	198	223	25	8	33
All Other Mechanics & Repairers	59	66	7	4	11
Truck Drivers	289	325	36	16	52
Bus Drivers	24	27	3	4	7
Carpenters	16	18	2	0	2
Carpenters, Apprentice	9	10	1	0	1
Cement Masons	11	12	1	0	1
Compositors &/or Typesetters	2	2	0	0	0
Crane, Derrick, & Hoist Operators	1	1	0	0	0
Electricians	44	49	5	4	9
Electricians, Apprentice	8	9	1	0	1
Supervisors, Nonworking	168	189	21	12	33
Heavy Equipment Operators	225	253	28	15	43
Instrument Repairers	6	7	1	0	1
Line Installer-Repairers	15	17	2	0	2
Machinists	1	1	0	0	0
Maintenance Repairers, General Utility	233	262	29	16	45
Helpers, Trades	59	66	7	4	11
Painters, Maintenance	23	26	3	4	7
Plumbers &/or Pipefitters	23	26	3	0	3
Press Operators &/or Plate Printers	8	9	1	0	1
Refuse Collectors	515	579	64	24	88
Sewage Plant Operators	72	81	9	4	13
Stationary Engineers	48	54	6	4	10
Stationary Engineers, Apprentice	4	4	0	0	0
Streetlight Repairers & Servicers	6	7	1	0	1
Animal Caretakers	60	67	7	12	19
Watershed Tenders	29	33	4	4	8
Water Treatment Plant Operators	46	52	6	4	10
Pump Station Operators, Waterworks	18	20	2	0	2
Welders & Flamecutters	22	25	3	4	7
Fuel Pump Attendants &/or Lubricators	62	70	8	5	13
Highway Maintenance Workers	424	477	53	40	93

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Surveyor Helpers	49	55	6	4	10
Gardeners & Groundskeepers	472	531	59	74	133
Bus Drivers, School	19	21	2	4	6
All Other Skilled Craft Workers	446	502	56	31	87
All Other Operatives & Semiskilled Workers	658	740	82	70	152
All Other Laborers & Unskilled Workers	1,490	1,675	185	138	323
TOTAL OFFICE CLERICAL WORKERS	3,753	4,229	476	949	1,425
Bookkeeping &/or Billing Machine Operators	4	5	1	0	1
Computer Operators	75	85	10	8	18
Keypunch Operators	150	169	19	38	57
Duplicating Machine Operators	24	27	3	7	10
All Other Office Machine Operators	30	34	4	8	12
Stenographers	34	38	4	8	12
Accounting Clerks	327	368	41	74	115
Bookkeepers, Hand	11	12	1	4	5
Cashiers	83	94	11	20	31
File Clerks	302	340	38	93	131
General Clerks	466	525	59	111	170
Library Assistants	189	213	24	50	74
Mail Clerks	17	19	2	4	6
Payroll &/or Timekeeping Clerks	8	9	1	0	1
Personnel Clerks	48	54	6	16	22
Procurement Clerks	1	1	0	0	0
Receptionists	21	24	3	8	11
Secretaries	518	584	66	142	208
Statistical Clerks	4	5	1	0	1
Switchboard Operators	35	39	4	12	16
Switchboard Operators/Receptionists	4	5	1	0	1
Messengers	15	17	2	2	4
Typists	620	699	79	184	263
Clerical Supervisors	196	221	25	24	49
Eligibility Workers, Welfare	2	2	0	0	0
Court Clerks	152	171	19	37	56
Town Clerks	17	19	2	4	6
License Clerks	78	88	10	19	29
All Other Office Clerical Workers	322	363	41	76	117
TOTAL PLANT CLERICAL WORKERS	398	448	50	44	94
Meter Readers, Utilities	78	88	10	4	14
Weighers, Record-Keeping	10	11	1	4	5
Stock Clerks	84	95	11	8	19
Dispatchers, Vehicle, Service or Work	15	17	2	0	2
Dispatchers, Police, Fire, & Ambulance	200	225	25	24	49
All Other Plant Clerical Workers	11	12	1	4	5
TOTAL ALL OCCUPATIONS	20,061	22,647	2,586	2,515	5,101

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

MOHAVE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	59	77	18	6	24
Public Administration Inspectors	1	1	0	0	0
Construction Inspectors	4	5	1	0	1
Chief Executives & Legislators	5	7	2	0	2
All Other Managers & Officers	49	64	15	6	21
TOTAL PROFESSIONAL WORKERS	77	101	24	12	36
Chemical Engineers	1	1	0	0	0
Civil Engineers	4	5	1	0	1
Agricultural Scientists	1	1	0	0	0
Urban & Regional Planners	1	1	0	0	0
Purchasing Agents &/or Buyers	2	3	1	0	1
Accountants & Auditors	1	1	0	0	0
Landscape Architects	13	17	4	2	6
Budget Analysts	1	1	0	0	0
Caseworkers	5	7	2	2	4
Dietitions &/or Nutritionists	1	1	0	0	0
Lawyers	6	8	2	0	2
Librarians, Professional	1	1	0	0	0
Nurses, Professional	4	5	1	1	2
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	1	1	0	0	0
Physicians &/or Surgeons	2	3	1	0	1
Judges	2	3	1	0	1
Magistrates	4	5	1	2	3
Tax Examiners, Collectors, &/or Revenue Agents	10	13	3	3	6
Assessors	7	9	2	2	4
Group Recreation Workers	5	7	2	0	2
All Other Professional Workers	4	5	1	0	1
TOTAL TECHNICAL WORKERS	13	17	4	0	4
Drafters	4	5	1	0	1
Surveyors	4	5	1	0	1
Civil Engineering Technicians	1	1	0	0	0
Licensed Practical Nurses	1	1	0	0	0
Technical Assistants, Library	2	3	1	0	1
All Other Technicians & Technologists	1	1	0	0	0
TOTAL SERVICE WORKERS	248	324	76	19	95
Janitors, Porters, & Cleaners	12	15	3	3	6
Guards & Doorkeepers	3	4	1	0	1
Kitchen Helpers	3	4	1	0	1
Cooks, Institution	3	4	1	0	1
All Other Food Service Workers	4	5	1	0	1
Nurse's Aides &/or Orderlies	7	9	2	3	5
Child-Care Workers	9	12	3	3	6
Officers, Police	28	37	9	0	9
Detectives, Police	19	25	6	0	6
Police, Patrolmen/women	82	107	25	3	28
Parking Enforcement Officers	1	1	0	0	0
Correction Officers &/or Jailers	8	10	2	3	5
Sheriffs	1	1	0	0	0
Fire Inspectors	1	1	0	0	0
Fire Fighters	63	82	19	4	23
All Other Service Workers	4	5	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	187	242	55	12	67
Mechanics, Automotive	10	13	3	0	3
Mechanics, Diesel	2	3	1	0	1
Mechanics, Engineering Equipment	4	5	1	0	1
Mechanics, Hydroelectric Machinery, Powerhouse, &/or Gas Plant Repairers	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

MOHAVE COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Mechanics, Maintenance	1	1	0	0	0
Water Meter Installers	5	6	1	0	1
All Other Mechanics & Repairers	1	1	0	0	0
Truck Drivers	4	5	1	0	1
Carpenters	2	3	1	0	1
Cement Masons	1	1	0	0	0
Electricians	1	1	0	0	0
Supervisors, Nonworking	4	5	1	0	1
Heavy Equipment Operators	35	45	10	3	13
Industrial Truck Operators	13	17	4	0	4
Maintenance Repairers, General Utility	17	22	5	2	7
Helpers, Trades	3	4	1	0	1
Painters, Maintenance	4	5	1	0	1
Plumbers &/or Pipefitters	9	11	2	0	2
Refuse Collectors	7	9	2	0	2
Sewage Plant Operators	3	4	1	0	1
Animal Caretakers	2	3	1	0	1
Water Treatment Plant Operators	2	3	1	0	1
Pump Station Operators, Waterworks	7	9	2	0	2
Welders and Flamecutters	1	1	0	0	0
Highway Maintenance Workers	7	9	2	0	2
Surveyor Helpers	4	5	1	0	1
Gardeners and Groundskeepers	13	16	3	4	7
Bus Drivers, School	1	1	0	0	0
All Other Skilled Craft Workers	3	4	1	0	1
All Other Laborers & Unskilled Workers	20	26	6	3	9
TOTAL OFFICE CLERICAL WORKERS	220	286	66	61	127
Keypunch Operators	5	6	1	3	4
Stenographers	2	3	1	0	1
Accounting Clerks	45	59	14	15	29
Bookkeepers, Hand	1	1	0	0	0
Cashiers	1	1	0	0	0
File Clerks	4	5	1	0	1
General Clerks	50	65	15	13	28
Library Assistants	13	17	4	4	8
Payroll &/or Timekeeping Clerks	3	4	1	0	1
Personnel Clerks	1	1	0	0	0
Receptionists	1	1	0	0	0
Secretaries	21	27	6	6	12
Statistical Clerks	1	1	0	0	0
Switchboard Operators	2	3	1	0	1
Switchboard Operators/Receptionists	5	6	2	1	3
Typists	25	33	8	9	17
Eligibility Workers	3	4	1	0	1
Court Clerks	9	12	3	3	6
Town Clerks	2	3	1	0	1
License Clerks	6	8	2	1	3
All Other Office Clerical Workers	20	26	6	5	11
TOTAL PLANT CLERICAL WORKERS	37	48	11	3	14
Meter Readers, Utilities	2	3	1	0	1
Production Clerks &/or Coordinators	7	9	2	0	2
Stock Clerks	3	4	1	0	1
Dispatchers, Police, Fire, & Ambulance	25	32	7	3	10
TOTAL ALL OCCUPATIONS	841	1,095	254	113	367

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

NAVAJO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	85	101	16	12	28
Public Administration Inspectors	1	1	0	0	0
Contruction Inspectors	9	11	2	0	2
Chief Executives & Legislators	23	27	4	4	8
All Other Managers & Officers	52	62	10	8	18
TOTAL PROFESSIONAL WORKERS	69	82	13	2	15
Civil Engineers	2	2	0	0	0
All Other Engineers	1	1	0	0	0
Urban & Regional Planners	1	1	0	0	0
Photographers	1	1	0	0	0
Purchasing Agents &/or Buyers	1	1	0	0	0
Accountants & Auditors	1	1	0	0	0
Landscape Architects	2	2	0	0	0
Budget Analysts	3	4	1	0	1
Caseworkers	8	10	2	2	4
Law Clerks	9	11	2	0	2
Lawyers	5	6	1	0	1
Librarians, Professional	5	6	1	0	1
Nurses, Professional	1	1	0	0	0
Paralegal Personnel	3	4	1	0	1
Personnel & Labor Relations Specialists	3	4	1	0	1
Welfare Investigators	1	1	0	0	0
Judges	5	6	1	0	1
Magistrates	8	10	2	0	2
Tax Examiners, Collectors, &/or Revenue Agents	7	8	1	0	1
Assessors	1	1	0	0	0
Group Recreation Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	22	26	4	0	4
Computer Programmers	3	4	1	0	1
Drafters	5	6	1	0	1
Electrical & Electronic Technicians	1	1	0	0	0
Surveyors	2	2	0	0	0
Traffic Technicians	1	1	0	0	0
Civil Engineering Technicians	3	4	1	0	1
Technical Assistants, Library	6	7	1	0	1
All Other Technical Workers	1	1	0	0	0
TOTAL SERVICE WORKERS	126	150	24	12	36
Janitors, Porters, & Cleaners	4	5	1	0	1
Cooks, Institution	2	2	0	0	0
Recreation Facility Attendants	8	10	2	0	2
Officers, Police	16	19	3	0	3
Detectives, Police	2	2	0	0	0
Police Patrolmen/women	63	75	12	4	16
Correction Officers &/or Jailers	12	14	2	4	6
Sheriffs	1	1	0	0	0
Fire Fighters	5	6	1	0	1
Officers, Fire	2	2	0	0	0
All Other Service Workers	11	13	2	4	6
TOTAL MAINTENANCE & PRODUCTION WORKERS	240	284	44	14	58
Mechanics, Automotive	3	4	1	0	1
Mechanics, Engineering Equipment	1	1	0	0	0
Mechanics, Engineering Equipment, Apprentice	1	1	0	0	0
Mechanics, Maintenance	1	1	0	0	0
Mechanics, Treatment Plant	8	9	1	0	1
Water Meter Installers	3	4	1	0	1
Truck Drivers	3	4	1	0	1
Supervisors, Nonworking	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

NAVAJO COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Heavy Equipment Operators	6	7	1	0	1
Heavy Equipment Operators, Apprentice	1	1	0	0	0
Maintenance Repairers, General Utility	26	31	5	0	5
Pipelayers	4	5	1	0	1
Plumbers &/or Pipefitters	4	5	1	0	1
Refuse Collectors	19	22	3	0	3
Sewage Plant Operators	5	6	1	0	1
Animal Caretakers	7	8	1	0	1
Water Treatment Plant Operators	4	5	1	0	1
Highway Maintenance Workers	92	109	17	8	25
Surveyor Helpers	3	4	1	0	1
Gardeners & Groundskeepers	36	43	7	6	13
All Other Operatives & Semiskilled Workers	1	1	0	0	0
All Other Laborers & Unskilled Workers	11	13	2	0	2
TAL OFFICE CLERICAL WORKERS	127	151	24	20	44
Bookkeeping &/or Billing Machine Operators	3	4	1	0	1
Computer Operators	4	5	1	0	1
Stenographers	2	2	0	0	0
Accounting Clerks	15	18	3	4	7
Bookkeepers, Hand	5	6	1	0	1
Cashiers	1	1	0	0	0
File Clerks	6	7	1	0	1
General Clerks	7	8	1	0	1
Library Assistants	6	7	1	0	1
Mail Clerks	1	1	0	0	0
Payroll &/or Timekeeping Clerks	3	4	1	0	1
Personnel Clerks	1	1	0	0	0
Receptionists	1	1	0	0	0
Secretaries	18	21	3	4	7
Switchboard Operators	2	2	0	0	0
Switchboard Operators/Receptionists	2	2	0	0	0
Typists	25	30	5	8	13
Clerical Supervisors	4	5	1	0	1
Eligibility Workers, Welfare	1	1	0	0	0
Court Clerks	6	7	1	0	1
Town Clerks	3	4	1	0	1
License Clerks	10	12	2	4	6
All Other Office Clerical Workers	1	1	0	0	0
TOTAL PLANT CLERICAL WORKERS	27	32	5	4	9
Meter Readers, Utilities	4	5	1	0	1
Dispatchers, Police, Fire, & Ambulance	23	27	4	4	8
TOTAL ALL OCCUPATIONS	696	826	130	64	194

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	258	298	40	32	72
Public Administration Inspectors	53	61	8	6	14
Construction Inspectors	72	83	11	10	21
Chief Executives & Legislators	29	33	4	4	8
All Other Managers & Officers	104	121	17	12	29
TOTAL PROFESSIONAL WORKERS	1,469	1,709	240	229	469
Civil Engineers	69	80	11	8	19
Industrial Engineers	13	15	2	0	2
Safety Engineers	5	6	1	0	1
Traffic Engineers	3	3	0	0	0
All Other Engineers	4	5	1	0	1
Chemists	2	2	0	0	0
All Other Physical Scientists	4	5	1	0	1
Agricultural Scientists	1	1	0	0	0
Biological Scientists	4	5	1	0	1
Economists	3	3	0	0	0
Psychologists	4	5	1	0	1
Urban & Regional Planners	45	52	7	0	7
All Other Social Scientists	1	1	0	0	0
Systems Analysts, EDP	14	16	2	0	2
Photographers	9	10	1	0	1
Purchasing Agents &/or Buyers	15	17	2	0	2
Accountants & Auditors	80	93	13	12	25
Landscape Architects	4	5	1	0	1
Architects (Exclude Landscape Architects)	7	8	1	0	1
Budget Analysts	2	2	0	0	0
Caseworkers	97	113	16	20	36
Commercial Artists	5	6	1	0	1
Dietitions &/or Nutritionists	31	36	5	8	13
Law Clerks	14	16	2	0	2
Lawyers	96	112	16	8	24
Librarians, Professional	83	97	14	22	36
Nurses, Professional	294	342	48	71	119
Occupational Therapists	2	2	0	0	0
Paralegal Personnel	27	31	4	4	8
Personnel & Labor Relations Specialists	27	31	4	4	8
Physical Therapists	4	5	1	0	1
Physicians &/or Surgeons	6	7	1	0	1
Public Relations Practitioners	2	2	0	0	0
Community Organization Workers	5	6	1	0	1
Judges	19	22	3	4	7
Magistrates	7	8	1	0	1
Tax Examiners, Collectors, &/or Revenue Agents	1	1	0	0	0
Assessors	1	1	0	0	0
All Other Therapists	1	1	0	0	0
Group Recreation Workers	249	290	41	37	78
Speech Pathologists &/or Audiologists	2	2	0	0	0
All Other Professional Workers	207	241	34	31	65
TOTAL TECHNICAL WORKERS	488	567	79	78	157
Computer Programmers	28	33	5	0	5
Drafters	72	84	12	4	16
Electrical & Electronic Technicians	30	35	5	0	5
Surveyors	11	13	2	0	2
Civil Engineering Technicians	40	46	6	4	10
All Other Engineering Technicians	1	1	0	0	0
Science Technicians	3	3	0	0	0
Licensed Practical Nurses	93	108	15	26	41
Technical Assistants, Library	103	120	17	28	45
Medical & Dental Technicians & Technologists	56	65	9	12	21
All Other Technical Workers	51	59	8	4	12

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL SERVICE WORKERS	2,282	2,642	360	218	578
Janitors, Porters, & Cleaners	134	155	21	21	42
Guards & Doorkeepers	1	1	0	0	0
Kitchen Helpers	33	38	5	8	13
Cooks, Institution	21	24	3	4	7
Supervisors, Nonworking Service	31	36	5	4	9
Nurse's Aides &/or Orderlies	160	185	25	38	63
Recreation Facility Attendants	280	324	44	41	85
Child-Care Workers	40	46	6	12	18
Social Service Aides	7	8	1	0	1
Officers, Police	182	211	29	8	37
Detectives, Police	4	5	1	0	1
Police Patrolmen/women	738	855	117	31	148
Correction Officers &/or Jailers	100	116	16	19	35
Sheriffs	1	1	0	0	0
Bailiffs	19	22	3	0	3
Fire Inspectors	3	3	0	0	0
Fire Fighters	338	391	53	14	67
Officers, Fire	129	149	20	4	24
All Other Service Workers	61	71	10	14	24
TOTAL MAINTENANCE & PRODUCTION WORKERS	1,838	2,115	277	152	429
Mechanics, Automotive	104	120	16	8	24
Mechanics, Engineering Equipment	45	52	7	4	11
Mechanics, Maintenance	55	63	8	4	12
Mechanics, Radio	10	12	2	0	2
Mechanics, Treatment Plant	10	12	2	0	2
All Other Mechanics & Repairers	3	3	0	0	0
Truck Drivers	10	12	2	0	2
Bus Drivers	28	32	4	4	8
Carpenters	21	24	3	4	7
Cement Masons	4	5	1	0	1
Compositors &/or Typesetters	1	1	0	0	0
Electricians	30	35	5	4	9
Supervisors, Nonworking	68	78	10	4	14
Heavy Equipment Operators	241	277	36	16	52
Instrument Repairers	92	106	14	8	22
Maintenance Repairers, General Utility	9	10	1	0	1
Helpers, Trades	47	54	7	4	11
Painters, Maintenance	26	30	4	4	8
Plumbers &/or Pipefitters	12	14	2	0	2
Press Operators &/or Plate Printers	16	18	2	0	2
Refuse Collectors	254	292	38	12	50
Sewage Plant Operators	88	101	13	4	17
Stationary Engineers	7	8	1	0	1
Animal Caretakers	29	33	4	4	8
Water Treatment Plant Operators	13	15	2	0	2
Welders & Flamecutters	19	22	3	3	6
Fuel Pump Attendants &/or Lubricators	44	51	7	4	11
Highway Maintenance Workers	79	91	12	8	20
Surveyor Helpers	9	10	1	0	1
Gardeners & Groundskeepers	115	132	17	18	35
Ambulance Drivers &/or Attendants	31	36	5	4	9
All Other Skilled Craft Workers	12	14	2	0	2
All Other Operatives & Semiskilled Workers	65	75	10	8	18
All Other Laborers & Unskilled Workers	241	277	36	23	59
TOTAL OFFICE CLERICAL WORKERS	1,571	1,811	240	403	643
Computer Operators	17	20	3	2	5
Keypunch Operators	13	15	2	4	6
Duplicating Machine Operators	8	9	1	0	1

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

PIMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
All Other Office Machine Operators	12	14	2	4	6
Stenographers	53	61	8	13	21
Accounting Clerks	157	181	24	35	59
Bookkeepers, Hand	2	2	0	0	0
Cashiers	30	35	5	8	13
File Clerks	71	82	11	22	33
General Clerks	126	145	19	31	50
Library Assistants	16	18	2	4	6
Mail Clerks	12	14	2	4	6
Payroll &/or Timekeeping Clerks	2	2	0	0	0
Personnel Clerks	3	3	0	0	0
Procurement Clerks	4	5	1	0	1
Receptionists	2	2	0	0	0
Secretaries	219	252	33	60	93
Statistical Clerks	7	8	1	0	1
Switchboard Operators	16	18	2	4	6
Switchboard Operators/Receptionists	1	1	0	0	0
Typists	392	452	60	118	178
Clerical Supervisors	46	53	7	5	12
Eligibility Workers	13	15	2	4	6
Court Clerks	45	52	7	12	19
Town Clerks	5	6	1	0	1
All Other Office Clerical Workers	299	345	46	73	119
TOTAL PLANT CLERICAL WORKERS	163	188	25	16	41
Meter Readers, Utilities	20	23	3	0	3
Stock Clerks	45	52	7	4	11
Dispatchers, Vehicle, Service or Work	18	21	3	2	5
Dispatchers, Police, Fire, & Ambulance	80	92	12	10	22
TOTAL SALES WORKERS	16	18	2	1	3
Sales Representatives	16	18	2	1	3
TOTAL ALL OCCUPATIONS	8,085	9,348	1,263	1,129	2,392

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

PINAL COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	142	177	35	18	53
Public Administration Inspectors	4	5	1	0	1
Construction Inspectors	5	6	1	0	1
Chief Executives & Legislators	42	52	10	6	16
All Other Managers & Officers	91	113	22	12	34
TOTAL PROFESSIONAL WORKERS	130	163	33	21	54
Civil Engineers	4	5	1	0	1
Urban & Regional Planners	2	3	1	0	1
Photographers	2	3	1	0	1
Purchasing Agents &/or Buyers	2	3	1	0	1
Accountants & Auditors	31	39	8	4	12
Caseworkers	11	14	3	4	7
Law Clerks	2	3	1	0	1
Lawyers	11	14	3	0	3
Librarians, Professional	9	11	2	4	6
Nurses, Professional	6	8	2	1	3
Personnel & Labor Relations Specialists	2	3	1	0	1
Judges	3	4	1	0	1
Magistrates	19	24	5	4	9
Tax Examiners, Collectors, &/or Revenue Agents	1	1	0	0	0
Assessors	15	19	4	4	8
Group Recreation Workers	7	9	2	0	2
All Other Professional Workers	3	4	1	0	1
TOTAL TECHNICAL WORKERS	20	25	5	0	5
Computer Programmers	2	3	1	0	1
Drafters	6	8	2	0	2
Surveyors	1	1	0	0	0
Civil Engineering Technicians	2	3	1	0	1
Licensed Practical Nurses	4	5	1	0	1
Technical Assistants, Library	5	6	1	0	1
TOTAL SERVICE WORKERS	321	402	81	21	102
Janitors, Porters, & Cleaners	16	20	4	4	8
Supervisors, Nonworking Service	1	1	0	0	0
Recreation Facility Attendants	9	11	2	0	2
Social Service Aides	4	5	1	0	1
Officers, Police	34	43	9	0	9
Detectives, Police	13	16	3	0	3
Police Patrolmen/women	154	193	39	8	47
Correction Officers &/or Jailers	14	18	4	4	8
Sheriffs	14	18	4	0	4
Bailiffs	3	4	1	0	1
Fire Inspectors	1	1	0	1	1
Fire Fighters	52	65	13	4	17
Officers, Fire	3	4	1	0	1
All Other Service Workers	3	4	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	351	436	85	22	107
Mechanics, Automotive	10	12	2	0	2
Mechanics, Automotive, Apprentice	2	2	0	0	0
Mechanics, Diesel	12	15	3	0	3
Electric Meter Installers	2	2	0	0	0
Electric Meter Installers, Apprentice	1	1	0	0	0
Mechanics, Maintenance	2	2	0	0	0
Water Meter Installers	2	2	0	0	0
Truck Drivers	19	24	5	0	5
Carpenters	4	5	1	0	1
Carpenters, Apprentice	2	2	0	0	0
Electricians	1	1	0	0	0

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

PINAL COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Supervisors, Nonworking	6	7	1	0	1
Heavy Equipment Operators	91	113	22	7	29
Heavy Equipment Operators, Apprentice	2	2	0	0	0
Line Installers-Repairers	10	12	2	0	2
Line Installers-Repairers, Apprentice	6	7	1	0	1
Maintenance Repairers, General Utility	40	50	10	4	14
Helpers, Trades	14	17	3	0	3
Press Operators &/or Plate Printers	1	1	0	0	0
Press Operators, &/or Plate Printers, Apprentice	1	1	0	0	0
Refuse Collectors	14	17	3	0	3
Sewage Plant Operators	4	5	1	0	1
Animal Caretakers	1	1	0	0	0
Pump Station Operators, Waterworks	1	1	0	0	0
Welders & Flamecutters	3	4	1	0	1
Fuel Pump Attendants &/or Lubricators	1	1	0	0	0
Highway Maintenance Workers	27	34	7	4	11
Surveyor Helpers	2	2	0	0	0
Gardeners & Groundskeepers	39	48	9	7	16
Ambulance Drivers &/or Attendants	13	16	3	0	3
All Other Laborers & Unskilled Workers	18	22	4	0	4
TOTAL OFFICE CLERICAL WORKERS	181	225	44	41	85
Bookkeeping &/or Billing Machine Operators	5	6	1	0	1
Computer Operators	2	3	1	0	1
Keypunch Operators	3	4	1	0	1
Stenographers	3	4	1	0	1
Accounting Clerks	11	14	3	4	7
Bookkeepers, Hand	4	5	1	0	1
Cashiers	1	1	0	0	0
File Clerks	6	7	1	0	1
General Clerks	25	31	6	7	13
Library Assistants	6	7	1	0	1
Payroll &/or Timekeeping Clerks	2	3	1	0	1
Personnel Clerks	2	3	1	0	1
Procurement Clerks	1	1	0	0	0
Secretaries	19	24	5	4	9
Statistical Clerks	3	4	1	0	1
Switchboard Operators/Receptionists	9	11	2	4	6
Typists	42	52	10	14	24
Court Clerks	28	35	7	8	15
Town Clerks	7	9	2	0	2
License Clerks	1	1	0	0	0
All Other Office Clerical Workers	1	1	0	0	0
TOTAL PLANT CLERICAL WORKERS	37	47	10	4	14
Meter Readers, Utilities	2	3	1	0	1
Dispatchers, Police, Fire, & Ambulance	35	44	9	4	13
TOTAL ALL OCCUPATIONS	1,182	1,475	293	127	420

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

SANTA CRUZ COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	57	73	16	8	24
Public Administration Inspectors	9	11	2	0	2
Construction Inspectors	3	4	1	0	1
Chief Executives & Legislators	24	31	7	4	11
All Other Managers & Officers	21	27	6	4	10
TOTAL PROFESSIONAL WORKERS	44	57	13	0	13
Urban & Regional Planners	1	1	0	0	0
Systems Analysts, EDP	1	1	0	0	0
Purchasing Agents &/or Buyers	1	1	0	0	0
Accountants & Auditors	5	6	1	0	1
Budget Analysts	1	1	0	0	0
Caseworkers	5	6	1	0	1
Lawyers	3	4	1	0	1
Librarians, Professional	5	6	1	0	1
Nurses, Professional	3	4	1	0	1
Personnel & Labor Relations Specialists	1	1	0	0	0
Judges	3	4	1	0	1
Magistrates	2	3	1	0	1
Tax Examiners, Collectors, &/or Revenue Agents	5	6	1	0	1
Group Recreation Workers	8	10	2	0	2
TOTAL TECHNICAL WORKERS	10	13	3	0	3
Computer Programmers	1	1	0	0	0
Drafters	3	4	1	0	1
Surveyors	1	1	0	0	0
Licensed Practical Nurses	1	1	0	0	0
Radio Operators	4	5	1	0	1
TOTAL SERVICE WORKERS	108	140	32	5	37
Janitors, Porters, & Cleaners	11	14	3	2	5
Recreation Facility Attendants	7	9	2	0	2
Officers, Police	12	16	4	0	4
Detectives, Police	3	4	1	0	1
Police Patrolmen/women	32	41	9	0	9
Correction Officers &/or Jailers	10	13	3	3	6
Sheriffs	1	1	0	0	0
Bailiffs	1	1	0	0	0
Fire Inspectors	6	8	2	0	2
Fire Fighters	21	27	6	0	6
Officers, Fire	4	5	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	158	203	45	9	54
Mechanics, Automotive	3	4	1	0	1
Water Meter Installers	5	6	1	0	1
Truck Drivers	4	5	1	0	1
Bricklayers	2	3	1	0	1
Carpenters	2	3	1	0	1
Cement Masons	2	3	1	0	1
Electricians	1	1	0	0	0
Supervisors, Nonworking	9	12	3	0	3
Heavy Equipment Operators	6	8	2	0	2
Maintenance Repairers, General Utility	5	6	1	0	1
Painters, Maintenance	1	1	0	0	0
Plumbers &/or Pipefitters	1	1	0	0	0
Refuse Collectors	5	6	1	0	1
Sewage Plant Operators	1	1	0	0	0
Animal Caretakers	5	6	1	0	1
Water Treatment Plant Operators	6	8	2	0	2
Pump Station Operators, Waterworks	6	8	2	0	2
Fuel Pump Attendants &/or Lubricators	2	3	1	0	1

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

SANTA CRUZ COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Highway Maintenance Workers	54	69	15	5	20
Gardeners & Groundskeepers	22	28	6	4	10
All Other Laborers & Unskilled Workers	16	20	4	0	4
TOTAL OFFICE CLERICAL WORKERS	98	127	29	17	46
Computer Operators	4	5	1	0	1
Keypunch Operators	5	6	1	0	1
Duplicating Machine Operators	2	3	1	0	1
Stenographers	3	4	1	0	1
Accounting Clerks	6	8	2	1	3
Cashiers	5	6	1	0	1
File Clerks	4	5	1	0	1
General Clerks	32	41	9	8	17
Mail Clerks	1	1	0	0	0
Payroll &/or Timekeeping Clerks	3	4	1	0	1
Personnel Clerks	3	4	1	0	1
Procurement Clerks	3	4	1	0	1
Receptionists	1	1	0	0	0
Secretaries	10	13	3	4	7
Switchboard Operators/Receptionists	1	1	0	0	0
Typists	9	12	3	4	7
Clerical Supervisors	1	1	0	0	0
Court Clerks	2	3	1	0	1
Town Clerks	3	4	1	0	1
TOTAL PLANT CLERICAL WORKERS	12	15	3	0	3
Dispatchers, Police, Fire, & Ambulance	12	15	3	0	3
TOTAL ALL OCCUPATIONS	487	628	141	39	180

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

YAVAPAI COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	73	94	21	6	27
Construction Inspectors	11	14	3	0	3
Chief Executives & Legislators	28	36	8	2	10
All Other Managers & Officers	34	44	10	4	14
TOTAL PROFESSIONAL WORKERS	84	109	25	12	37
Civil Engineers	3	4	1	0	1
Traffic Engineers	1	1	0	0	0
Urban & Regional Planners	4	5	1	0	1
Systems Analysts, EDP	1	1	0	0	0
Photographers	1	1	0	0	0
Accountants & Auditors	5	6	1	0	1
Dietitions &/or Nutritionists	1	1	0	0	0
Lawyers	11	14	3	0	3
Librarians, Professional	4	5	1	0	1
Nurses, Professional	12	16	4	4	8
Paralegal Personnel	2	3	1	0	1
Personnel & Labor Relations Specialists	1	1	0	0	0
Public Relations Practitioners	1	1	0	0	0
Veterinarians	1	1	0	0	0
Community Organization Workers	1	1	0	0	0
Welfare Investigators	1	1	0	0	0
Judges	2	3	1	0	1
Magistrates	12	16	4	4	8
Tax Examiners, Collectors, &/or Revenue Agents	2	3	1	0	1
Assessors	10	13	3	4	7
Group Recreation Workers	7	9	2	0	2
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	18	23	5	0	5
Drafters	7	9	2	0	2
Surveyors	2	3	1	0	1
Civil Engineering Technicians	1	1	0	0	0
All Other Engineering Technicians	2	3	1	0	1
Science Technicians	6	8	2	0	2
TOTAL SERVICE WORKERS	228	297	69	14	83
Janitors, Porters, & Cleaners	21	27	6	4	10
Guards & Doorkeepers	1	1	0	0	0
Supervisors, Nonworking Service	11	14	3	0	3
Nurse's Aides &/or Orderlies	7	9	2	2	4
Fish & Game Wardens	2	3	1	0	1
Child-Care Workers	4	5	1	0	1
Officers, Police	26	34	8	0	8
Detectives, Police	3	4	1	0	1
Police Patrolmen/women	80	104	24	4	28
Parking Enforcement Officers	1	1	0	0	0
Sheriffs	2	3	1	0	1
Bailiffs	2	3	1	0	1
Fire Inspectors	2	3	1	0	1
Fire Fighters	62	81	19	4	23
Officers, Fire	4	5	1	0	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	220	285	65	17	82
Mechanics, Automotive	6	8	2	0	2
Mechanics, Automotive, Apprentice	4	5	1	0	1
Electric Meter Installers	1	1	0	0	0
Mechanics, Engineering Equipment	14	18	4	0	4
Water Meter Installers	2	3	1	0	1
Truck Drivers	12	16	4	0	4
Supervisors, Nonworking	1	1	0	0	0
Heavy Equipment Operators	33	43	10	4	14

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

YAVAPAI COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
Heavy Equipment Operators, Apprentice	6	8	2	0	2
Industrial Truck Operators	18	23	5	0	5
Maintenance Repairers, General Utility	7	9	2	0	2
Refuse Collectors	14	18	4	0	4
Sewage Plant Operators	1	1	0	0	0
Water Treatment Plant Operators	2	3	1	0	1
Fuel Pump Attendants &/or Lubricators	4	5	1	0	1
Highway Maintenance Workers	29	38	9	4	13
Surveyor Helpers	1	1	0	0	0
Gardeners & Groundskeepers	32	41	9	5	14
All Other Operatives & Semiskilled Workers	7	9	2	0	2
All Other Laborers & Unskilled Workers	26	34	8	4	12
TOTAL OFFICE CLERICAL WORKERS	185	240	55	42	97
Computer Operators	1	1	0	0	0
Keypunch Operators	3	4	1	0	1
Stenographers	18	23	5	4	9
Accounting Clerks	42	54	12	11	23
Bookkeepers, Hand	1	1	0	0	0
Cashiers	6	8	2	1	3
General Clerks	5	6	1	0	1
Library Assistants	8	10	2	4	6
Mail Clerks	3	4	1	0	1
Payroll &/or Timekeeping Clerks	4	5	1	0	1
Secretaries	14	18	4	4	8
Statistical Clerks	1	1	0	0	0
Switchboard Operators/Receptionists	3	4	1	0	1
Typists	52	67	15	17	32
Clerical Supervisors	7	9	2	0	2
Court Clerks	6	8	2	1	3
Town Clerks	7	9	2	0	2
All Other Office Clerical Workers	4	5	1	0	1
TOTAL PLANT CLERICAL WORKERS	31	40	9	4	13
Meter Readers, Utilities	3	4	1	0	1
Production Clerks &/or Coordinators	1	1	0	0	0
Stock Clerks	1	1	0	0	0
Dispatchers, Police, Fire, & Ambulance	26	34	8	4	12
TOTAL ALL OCCUPATIONS	839	1,088	249	95	344

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

YUMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MANAGERS & OFFICERS	109	134	25	12	37
Public Administration Inspectors	11	14	3	0	3
Construction Inspectors	9	11	2	0	2
Chief Executives & Legislators	21	26	5	4	9
All Other Managers & Officers	68	84	16	8	24
TOTAL PROFESSIONAL WORKERS	166	205	39	32	71
Civil Engineers	5	6	1	0	1
Electrical & Electronic Engineers	1	1	0	0	0
Chemists	1	1	0	0	0
Urban & Regional Planners	3	4	1	0	1
Systems Analysts, EDP	1	1	0	0	0
Photographers	1	1	0	0	0
Purchasing Agents &/or Buyers	2	2	0	0	0
Accountants & Auditors	12	15	3	1	4
Landscape Architects	1	1	0	0	0
Caseworkers	11	14	3	4	7
Dietitians &/or Nutritionists	1	1	0	0	0
Lawyers	8	10	2	0	2
Librarians, Professional	12	15	3	4	7
Nurses, Professional	15	19	4	4	8
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	1	1	0	0	0
Community Organization Workers	3	4	1	0	1
Judges	4	5	1	0	1
Magistrates	10	12	2	4	6
Tax Examiners, Collectors, &/or Revenue Agents	1	1	0	0	0
Assessors	12	15	3	4	7
Group Recreation Workers	41	51	10	7	17
All Other Professional Workers	19	23	4	4	8
TOTAL TECHNICAL WORKERS	32	39	7	0	7
Computer Programmers	1	1	0	0	0
Drafters	7	9	2	0	2
Electrical & Electronic Technicians	2	2	0	0	0
Surveyors	1	1	0	0	0
Civil Engineering Technicians	7	9	2	0	2
All Other Engineering Technicians	1	1	0	0	0
Science Technicians	9	11	2	0	2
Licensed Practical Nurses	2	2	0	0	0
Medical & Dental Technicians & Technologists	1	1	0	0	0
All Other Technical Workers	1	1	0	0	0
TOTAL SERVICE WORKERS	325	400	75	26	101
Janitors, Porters, & Cleaners	11	14	3	2	5
Guards & Doorkeepers	2	2	0	0	0
Cooks, Institution	2	2	0	0	0
Supervisors, Nonworking Service	5	6	1	0	1
Nurse's Aides &/or Orderlies	6	7	1	0	1
Recreation Facility Attendants	1	1	0	0	0
Officers, Police	18	22	4	0	4
Detectives, Police	5	6	1	0	1
Police Patrolmen/women	64	79	15	4	19
Correction Officers &/or Jailers	11	14	3	4	7
Sheriffs	30	98	18	4	22
Bailiffs	3	4	1	0	1
Fire Inspectors	2	2	0	0	0
Fire Fighters	67	82	15	4	19
Officers, Fire	18	22	4	0	4
All Other Service Workers	30	37	7	8	15

CURRENT AND PROJECTED ESTIMATED EMPLOYMENT AND JOB OPENINGS
LOCAL GOVERNMENT

YUMA COUNTY

	Estimated 1979 Employment	Projected 1983 Employment	Job Openings Due to Growth 1979-1983	Job Openings Due to Separations 1979-1983	Total Job Openings 1979-1983
TOTAL MAINTENANCE & PRODUCTION WORKERS	362	442	80	22	102
Mechanics, Automotive	15	18	3	0	3
Mechanics, Diesel	3	4	1	0	1
Mechanics, Engineering Equipment	5	6	1	0	1
Mechanics, Maintenance	7	9	2	0	2
Mechanics, Radio	1	1	0	0	0
Mechanics, Treatment Plant	6	7	1	0	1
Truck Drivers	31	38	7	0	7
Carpenters	4	5	1	0	1
Crane, Derrick, & Hoist Operators	2	2	0	0	0
Supervisors, Nonworking	16	20	4	0	4
Heavy Equipment Operators	44	54	10	4	14
Line Installers-Repairers	2	2	0	0	0
Line Installers-Repairers, Apprentice	3	4	1	0	1
Machinists	1	1	0	0	0
Maintenance Repairers, General Utility	23	28	5	0	5
Helpers, Trades	3	4	1	0	1
Painters, Maintenance	1	1	0	0	0
Refuse Collectors	15	18	3	0	3
Sewage Plant Operators	6	7	1	0	1
Streetlight Repairers & Servicers	1	1	0	0	0
Watershed Tenders	17	21	4	0	4
Water Treatment Plant Operators	11	13	2	0	2
Welders & Flamecutters	1	1	0	0	0
Fuel Pump Attendants &/or Lubricators	5	6	1	0	1
Highway Maintenance Workers	22	27	5	4	9
Surveyor Helpers	2	2	0	0	0
Gardeners & Groundskeepers	60	73	13	10	23
All Other Operatives & Semiskilled Workers	14	17	3	0	3
All Other Laborers & Unskilled Workers	41	50	9	4	13
TOTAL OFFICE CLERICAL WORKERS	259	317	58	60	118
Bookkeeping &/or Billing Machine Operators	1	1	0	0	0
Computer Operators	6	7	1	0	1
All Other Office Machine Operators	2	2	0	0	0
Stenographers	5	6	1	0	1
Accounting Clerks	39	48	9	8	17
Bookkeepers, Hand	10	12	2	4	6
Cashiers	4	5	1	0	1
File Clerks	7	9	2	4	6
General Clerks	54	66	12	13	25
Library Assistants	1	1	0	0	0
Mail Clerks	4	5	1	0	1
Personnel Clerks	5	6	1	0	1
Procurement Clerks	1	1	0	0	0
Secretaries	42	51	9	12	21
Switchboard Operators/Receptionists	5	6	1	0	1
Typists	55	67	12	17	29
Clerical Supervisors	6	7	1	0	1
Court Clerks	7	9	2	2	4
Town Clerks	5	6	1	0	1
TOTAL PLANT CLERICAL WORKERS	35	43	8	3	11
Meter Readers, Utilities	6	7	1	0	1
Stock Clerks	5	6	1	0	1
Dispatchers, Vehicle, Service or Work	8	10	2	0	2
Dispatchers, Police, Fire, & Ambulance	16	20	4	3	7
TOTAL SALES WORKERS	1	1	0	0	0
Sales Representatives	1	1	0	0	0
TOTAL ALL OCCUPATIONS	1,289	1,581	292	155	447

METHODOLOGY

Limitations of the Data

The projection methods do not account for cyclical, seasonal, and such external factors as sudden discontinuations or initiations of major governmental programs. The methodology also assumes that the labor market areas are self-contained and generally devoid of significant levels of commuting and migration from one area to another for employment. The occupational data in this publication refers only to employees who earned a wage or salary.

Sample Selection and Response Rate

All agencies of Arizona state government and all units of local government, with the exception of educational and hospital facilities, were identified and a universe survey conducted. The response rates for state and local units were 100 percent and 93.7 percent respectively, with 100 percent of the state and 99.6 percent of the local government employment included in the response.

The U.S. Civil Service Commission provided the OES Program with a complete account of all civilian federal employment for each of the 14 counties as of September 1977. The response rate for federal government units was therefore 100 percent with 100 percent of the employment included. Occupational estimates for September 1979 were generated by applying total federal government employment in September 1979 to the 1977 occupational employment data supplied by the U.S. Civil Service Commission.

The federal government 1979 occupational estimates for Navajo County were calculated by applying a ratio of change in total industry employment from 1977 to 1979 to the September 1977 occupational count. This method of calculation was utilized due to exceptional conditions of the data to assure the most accurate figures possible for the county.

County employment does not always total statewide employment due to rounding and because statewide projections were calculated independently.

1983 Industry Employment

Employment for federal, state, and local government (exclusive of school employment) for Arizona, Maricopa, Pima and the nonmetropolitan counties was projected to 1983 using multiple regression analysis. This procedure consisted of the construction and analysis of a time series utilizing local employment, population projections, and trend factors. Employment projections for each of the nonmetropolitan counties were based on relative importance of each county's employment to the total nonmetropolitan counties' employment.

1983 Occupational Employment

The 1983 occupational employment was calculated by applying adjusted staffing pattern ratios (as determined by the surveys in the case of state and local government and determined by the information supplied from the U.S. Civil Service Commission in the case of federal government) to the industry projections. Adjustments to the ratio reflect national trends of evolving occupational distribution.

JOB OPENINGS

The difference between 1979 and 1983 employment for each occupation represents expected job openings due to growth. Job openings due to separations were calculated by interpolating 1979 and 1983 separation rates for each occupation and applying them to employment through 1983. Job openings due to growth and separations were summed to produce total job openings.

LABOR MARKET INFORMATION PUBLICATIONS
OCCUPATIONAL EMPLOYMENT STATISTICS
BOX 6123, SITE CODE 920B
PHOENIX, ARIZONA 85005

POSTAGE AND FEES PAID
EMPLOYMENT SECURITY MAIL
LAB 449

FIRST CLASS MAIL

OFFICIAL BUSINESS

CONGRESSIONAL INFORMATION 1
SUSAN MYER
7101 WISCONSIN AVE.
WASHINGTON, D.C. 20014

In cooperation with the Bureau of Labor Statistics, U.S. Department of Labor. Preparation of this document was financed in part through the Comprehensive Employment and Training Act (P. L. 93-203), Governor's Special Grant, from the U.S. Department of Labor.